Firegraphic

FIREGRAPHIC10

SOLUTION FOR IMAGE MANAGEMENT

USER GUIDE

WINDOWS 2000
WINDOWS XP
WINDOWS Vista™

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Chapter 1:
Getting started

Installing Firegraphic

1. Close any Firegraphic application open on your computer.
2. Double-click the setup.exe file to start the installation, and follow the on-screen instructions.

** To register, follow the on-screen instructions in the Registration dialog box, which appears after you installation.*

If you choose to register later, you can register at any time by choosing **Help → Enter Registration Key.**

Starting Firegraphic

A Firegraphic icon is placed on the desktop and in the Start menu after you have installed the program. When you double-click this icon, the Firegraphic Explorer window will be opened. If you have associated the image formats with Firegraphic, you can open images and folders in Firegraphic directly from Windows Explorer. How to associate image formats with Firegraphic:

1. Open Firegraphic Explorer window.
2. Choose **Tools → Options...** (Shortcut: **Alt+O**)
3. Click the **Image Formats** tab.
4. Check the image file formats you want Firegraphic to open.
5. Click **OK**.

Registration

Register your product to receive complimentary installation support, notifications of updates, and other services.

To register, follow the on-screen instructions in the Registration dialog box, which appears after you install the software. You can also find the registration option under the Help menu.

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Supported File Formats

Firegraphic currently supports the following image, video, and audio file formats. Supported audio and video formats will playback within the Firegraphic application.

Still Image Formats

Extension	Description
.arw	Sony Raw
.bmp	Windows Bitmap
.cr2	Canon Raw
.crw	Canon Raw
.dcr	Kodak Raw
.dng	Digital Negative
.emf	Enhanced Metafile
.erf	Epson Raw
.gif	CompuServe GIF
.ico	Icon
.jp2	JPEG-2000
.jpg	Joint Photographic Experts Group
.kdc	Kodak Raw
.mef	Mamiya Raw
.mng	Multiple-image Network Graphics
.mos	Leaf Raw
.mrw	Konica Minolta Raw
.nef	Nikon Raw
.orf	Olympus Raw
.pcd	Photo CD
.pcx	PC Paintbrush Format
.pef	Pentax Raw
.png	Portable Network Graphics
.psd	Adobe Photoshop
.psp	Paint Shop Pro
.raf	Fujifilm Raw
.ras	Sun Rasterfile
.raw	Camera Raw
.sr2	Sony Raw
.srf	Sony Raw
.tga	Targa
.tif	Tagged Image File Format
.wbmp	Wireless Bitmap
.wmf	Windows Media

** Camera Manufacturer RAW Support: Canon, Contax, Epson, Fujifilm, Kodak, Konica Minolta, Leica, Nikon, Olympus, Panasonic, Pentax, Sigma, Sony*

For full list of supported cameras and models, please see **Appendix 1**

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Video Formats

Extension	Description
.3pg	3pg
.asf	Advanced Systems Format
.avi	Audio Video Interleave
.flv	Flash Video
.m1v	MPEG-1 Video File
.mov	QuickTime
.mp2	MPEG-1 Audio Layer II
.mp4	MPEG-4 Part 14
.mpa	MPEG Audio
.mpe	MPEG
.mpeg	Moving Picture Experts Group
.mpg	Moving Picture Experts Group
.qt	QuickTime
.ram	RealAudio
.vob	Video Object
.wm	Windows Media Video
.wmd	Windows Media Download File
.wmv	Windows Media Video

Audio Formats

.aif	Audio Interchange File Format
.aifc	AIFF-Compressed
.aiff	Audio Interchange File Format
.au	AU
.mid	Musical Instrument Digital Interface
.midi	Musical Instrument Digital Interface
.mp3	MPEG Audio Layer 3 (AC3)
.snd	Sound
.wav	Wave
.wma	Windows Media Audio

Archives

.zip	Zip archive

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System requirements

Before installing Firegraphic, be sure your computer meets the following requirements:

- Microsoft Windows Vista™ Home Premium, Business, Ultimate, or /XP/2000
- An Intel Pentium 4 (or compatible) Processor
- 50 MB hard disk space
- 512 MB RAM (1 GB recommended)
- Microsoft Internet Explorer 6 or above
- Color monitor capable of displaying thousands of colors at a resolution of 1024x768 or higher

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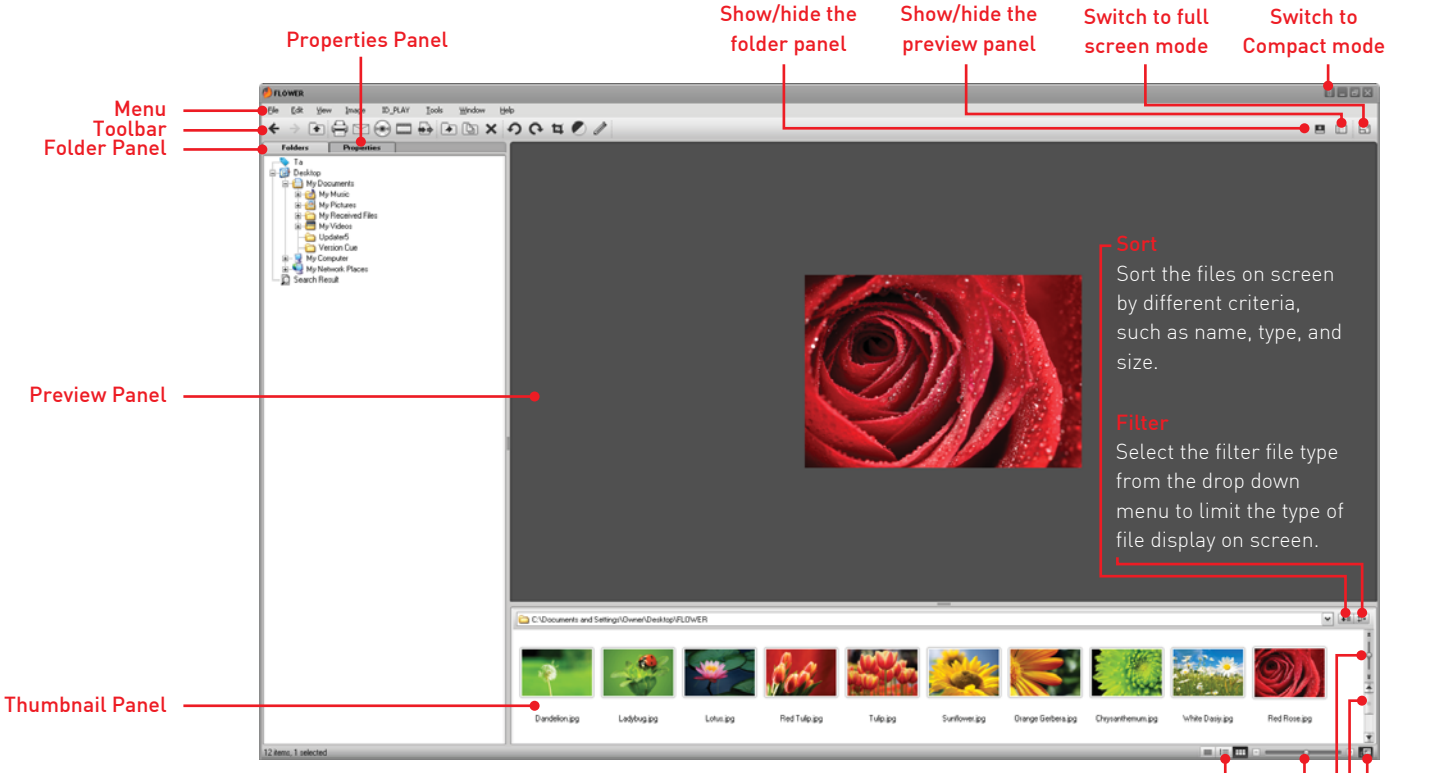
Chapter 2:
Firegraphic workspace

The Explorer Window

When you open Firegraphic, you'll the Explorer window, which lists all the photos, videos, and any other files in thumbnail images. You can import, view, organize, edit, and print your photos in this window. You can move the thumbnail slider to change the size of the thumbnails to display more or fewer thumbnails on the screen, or click the filter button to choose what type of file you want to list on screen.

There are three buttons at the right side of the toolbar which let you easily show/hide the preview window, the folder tree, and switch the application into full screen mode.



View Mode Options
These View Mode buttons allow you to choose a way to list the files: Thumbnail, details, or Tile.

Thumbnail Size
Move the pointer to the left to shrink the thumbnails and move the pointer to the right to enlarge the thumbnails.

Scroll Slider
Drag and hold the pointer along the scroll slider to speed up the page scroll.

Image Preview

Scroll Button
The scroll buttons will scroll one page of thumbnail at a time.

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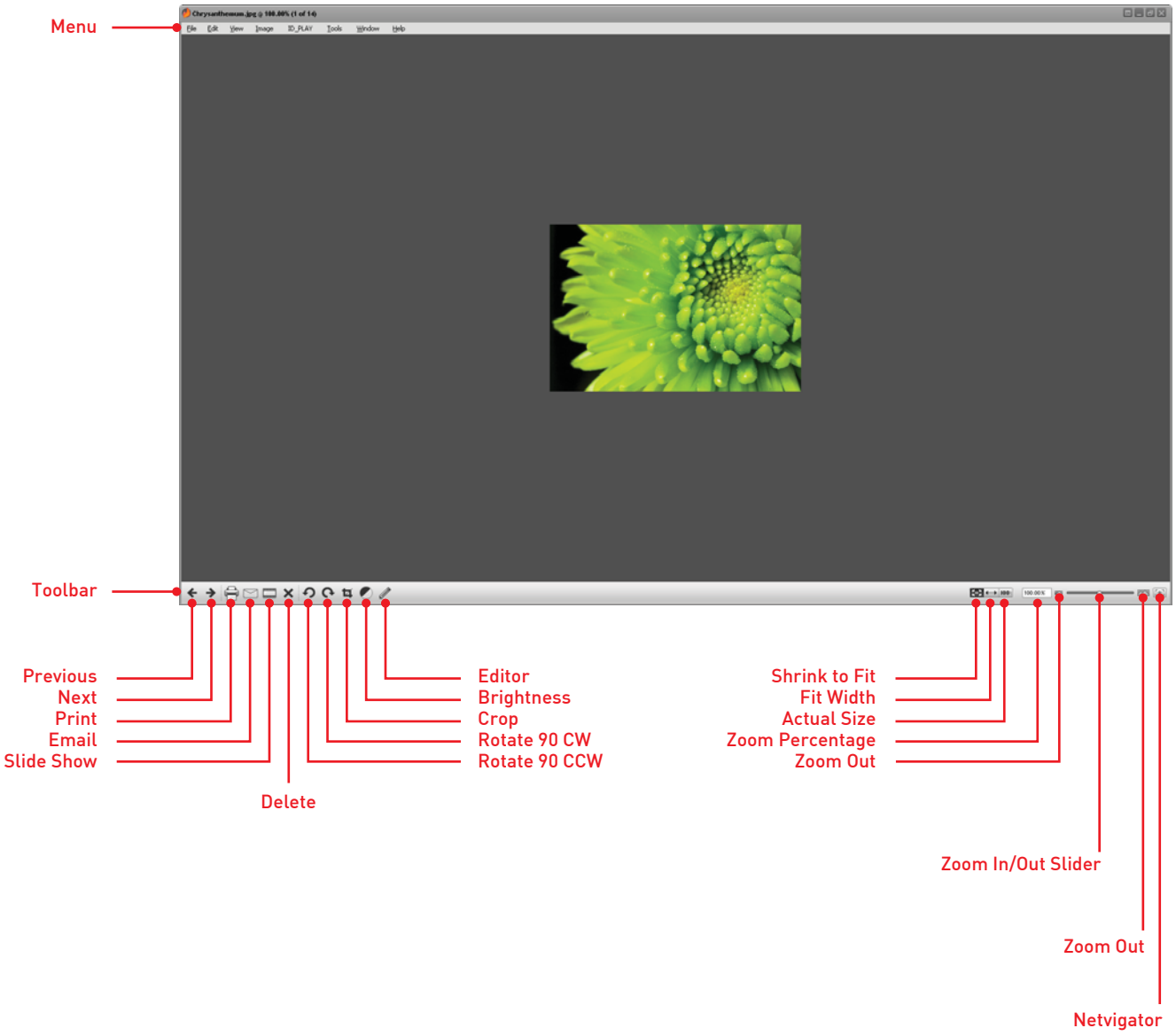
The Viewer

The Viewer displays single photo at its original size or let you play the video in full screen. You can zoom in/out the photo by moving the zoom slider at the lower-right corner of the Viewer.



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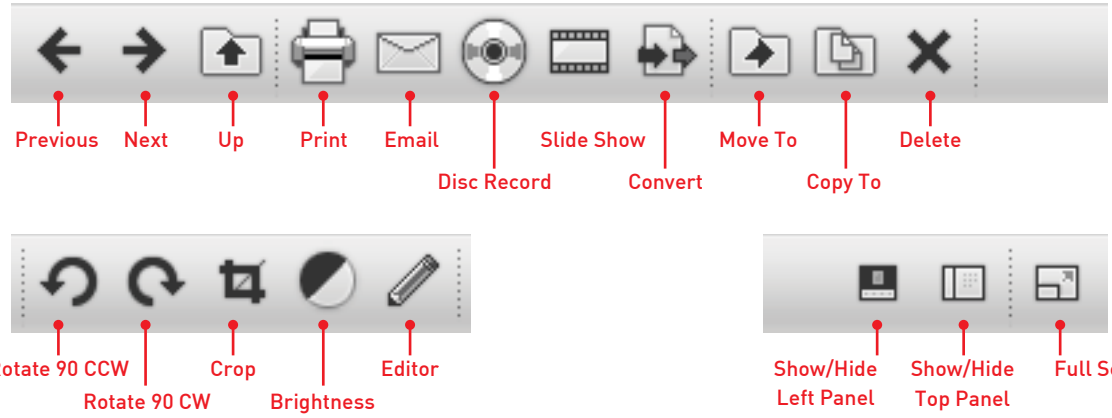
Toolbar

You can access tools in the toolbar to view, print, and edit images. The toolbar appears at the top of the Explorer window and at the bottom of the Viewer.

You must select a tool in the toolbar before you can use it. Once selected, the tool is highlighted and optional settings for the tool appear in the toolbar.



To select a tool:

Do one of the following:

- Click a tool in the toolbar. If there is a small triangle in a tool's lower-right corner, hold down the mouse button to view the hidden tools nested with the tool. Then click the tool you want to select.
- Press the tool's keyboard shortcut. For example, you can select the Print tool by pressing **Ctrl+P**.

See also "Keyboard shortcuts"

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Exit Firegraphic

To exit Firegraphic, you need to close both the Explorer window and the Viewer(s).

To close Firegraphic:

In the Explorer window or the Viewer, do one of the following:

- Choose **File → Exit**
- Click on the "**x**" button (the close button) in the upper-right corner of the application.

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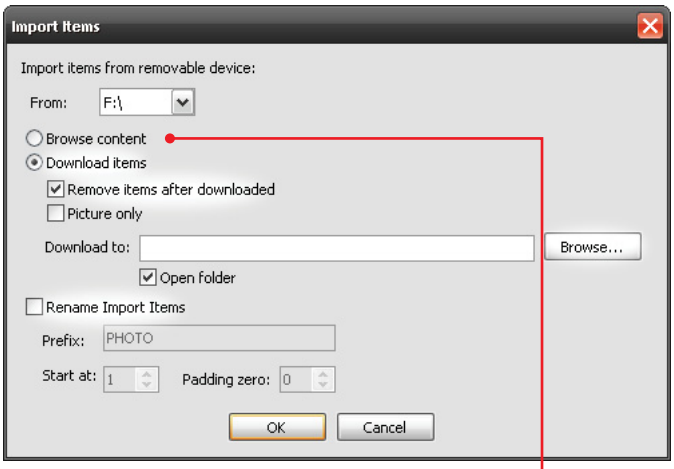
Chapter 3:
Import photos and videos

Import Photos and Videos from Digital Camera

Before you start organizing or editing your photos and videos, you need to import them from your digital camera or memory card first. During import, you can choose to rename the photos and put them into a specific folder. When the import is completed, your photos are renamed in the folder you chose and ready to browse and edit.

To browse the contents before downloading to your computer:

1. With Firegraphic opened, connect your digital camera to your computer.
2. Firegraphic should detect your device and open the Import Items dialog box.



3. In the Import Items dialog box, check the **Browse content** option.
4. Click **OK** to browse the contents.

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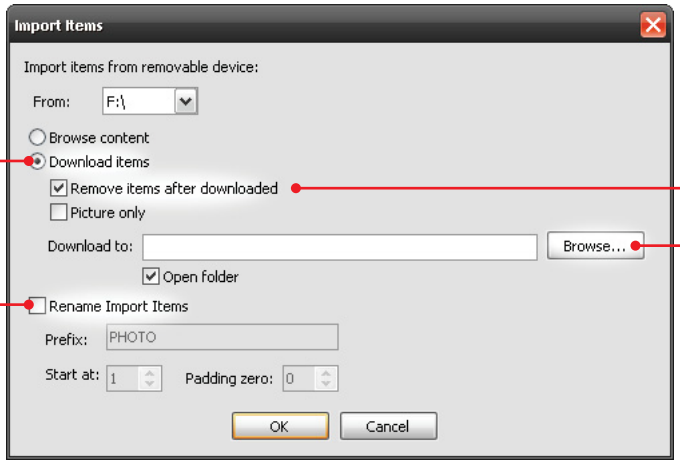
To download the contents:

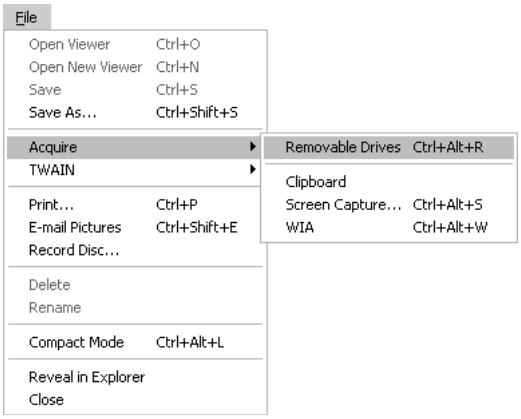
1. With Firegraphic opened, connect your digital device to your computer.
2. Firegraphic should detect your device and open the Import Items dialog box.



3. To download directly from the digital device to your computer, select the **Download item(s)** option.
4. If you want to delete the photos from you camera/memory card after they are imported to your computer, check the **Remove items after download**.
5. Click the **Browse** button and select the location where you want to save the items.
6. If you choose to download item(s) from your digital device, you can also rename all the items when you import them to your computer. Simply check the **Rename Import Items option** and enter a name for the import items.
7. Click **OK** to start importing the items.

If the Import Items dialog box does not show up after you've plugged the digital camera to your computer:

Go to **File → Acquire**, and choose the **Removable Drives** option to open the Import Items dialog box.



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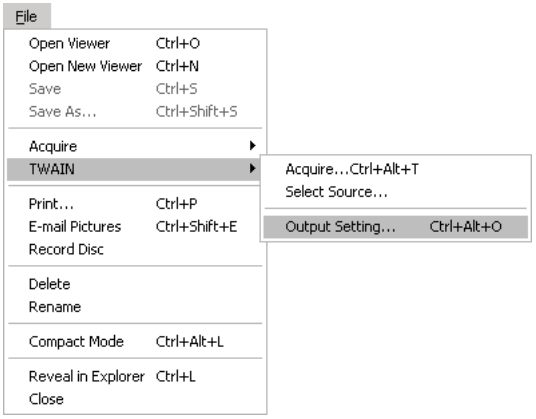
Twain Support

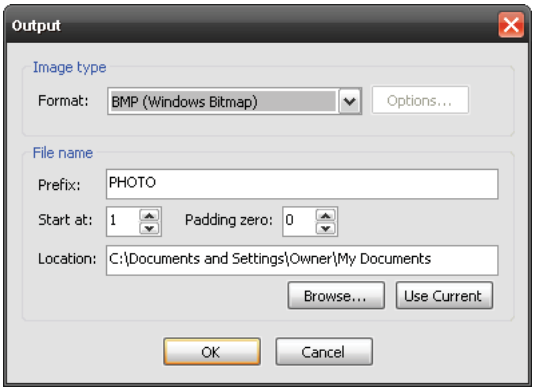
You can acquire images from digital camera and scanner that support Twain as long as the Twain driver for that camera or scanner has been installed.

To acquire images:

1. Make sure the Twain driver for the digital camera or scanner has been installed.
2. Connect the device to your computer.
3. Choose **File → TWAIN → Output Setting**.



4. In the Output Setting dialog box, select the file format and the location for the saved file. Click **OK** to save the settings.



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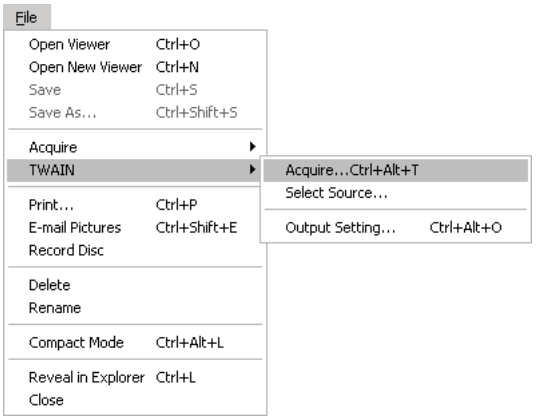
5. Choose **File → TWAIN → Acquire....** Select Acquire or Select Source to start download your images from the device.



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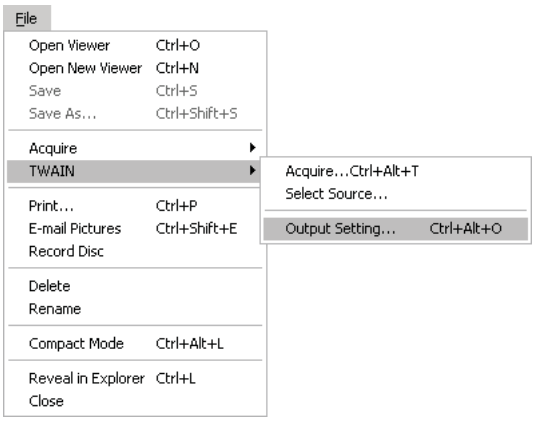
WIA Support

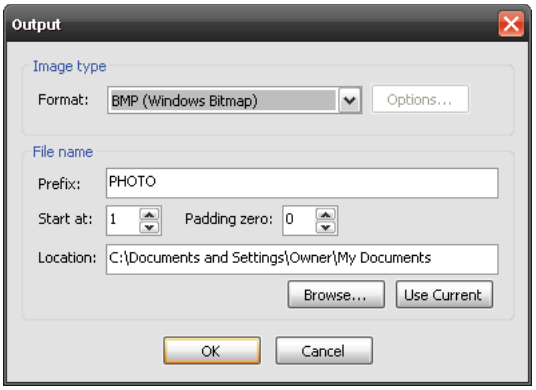
You can acquire images from digital camera and scanner that support WIA as long as the WIA driver for that camera or scanner has been installed.

To acquire images:

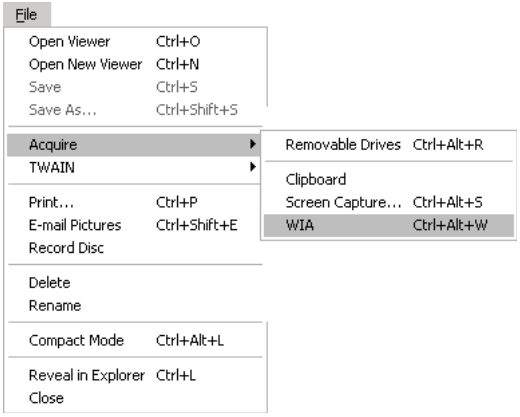
1. Make sure the WIA driver for the digital camera or scanner has been installed.
2. Connect the device to your computer.
3. Choose **File → TWAIN → Output Setting**.



4. In the Output Setting dialog box, select the file format and the location for the saved file. Click **OK** to save the settings.



5. Choose **File → Acquire → WIA** (Shortcut: **Ctrl+Alt+W**) to start download files.



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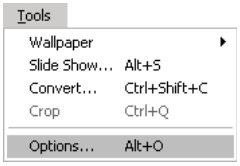
Chapter 4: View and organize photos and videos

Pop Up Photo Preview

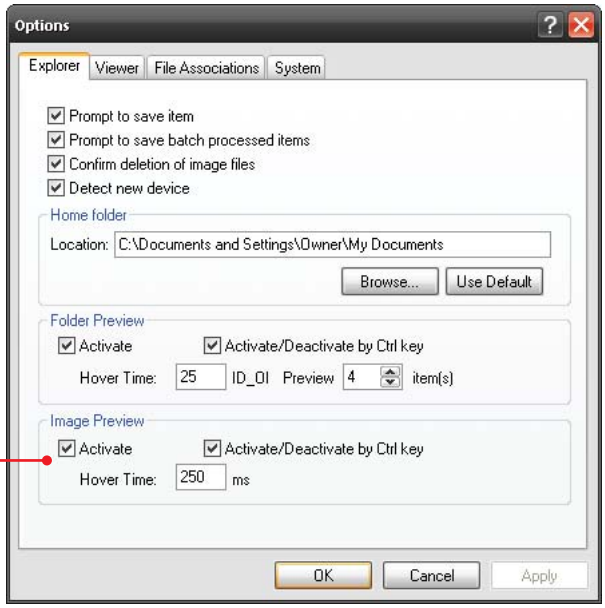
The Photo Preview lets you preview the thumbnail image in a pop up window. Move your mouse over a thumbnail image and preview of your photo in the pop-up preview window.

To activate/deactivate Photo Preview:

1. Choose **Tools → Options.** The Options dialog box appears.



2. From the Option dialog box, select the **Explorer** tag.



3. Under **Image Preview** section, check or uncheck the **Activate** option.
4. Click **OK**.

Note: If you don't want the Photo Preview pops up every time you point over a thumbnail image, you can check the Activate/Deactivate by Ctrl key option under the Image Preview section.

To change the Hover Time:

1. Open the Option dialog box and select the **Explorer** tag.
2. Enter a number in the **Hover Time** option.
3. Click **OK**.

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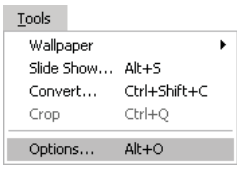
Folder Preview

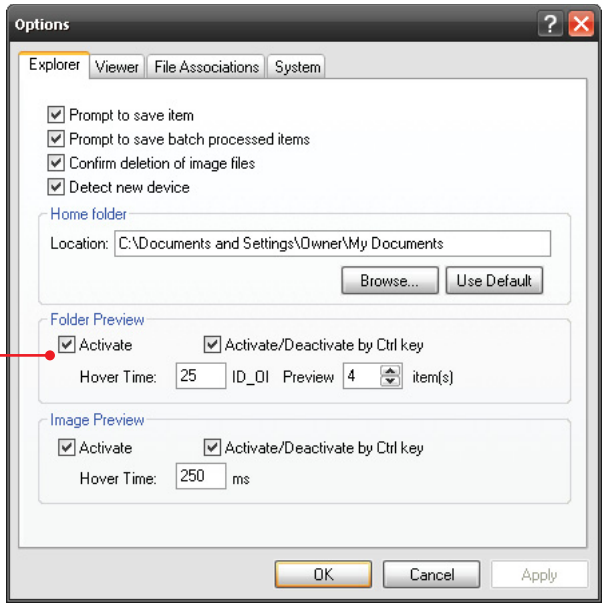
Folder Preview lets you view the contents in a folder in thumbnail images. When you move your mouse over a folder, the contents preview window pops up if there are images in that folder.

To activate/deactivate Folder Preview:

1. Choose **Tools → Options**. The Options dialog box appears.



2. From the Option dialog box, select the **Explorer** tag.



3. Under **Folder Preview** section, check or uncheck the **Activate** option.
4. Click **OK**.

*Note: If you don't want the Folder Preview pops up every time you point over a folder, you can check the **Activate/Deactivate** by Ctrl key option under the Folder Preview section.*

To change the number of thumbnail images display in the Folder Preview window:

1. Open the Option dialog box and select the **Explorer** tag.
2. Under **Folder Preview** section, change the number of **Preview item(s)**.
3. Click **OK**.

To change the Hover Time:

1. Open the Option dialog box and select the **Explorer** tag.
2. Enter a number in the **Hover Time** option.
3. Click **OK**.

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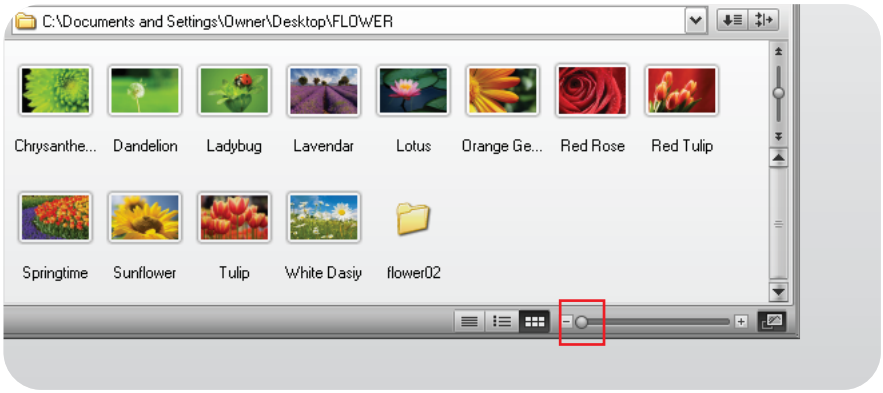
Change the Thumbnail Size

You can change the size of the thumbnail images by moving the slider at the bottom of the application.

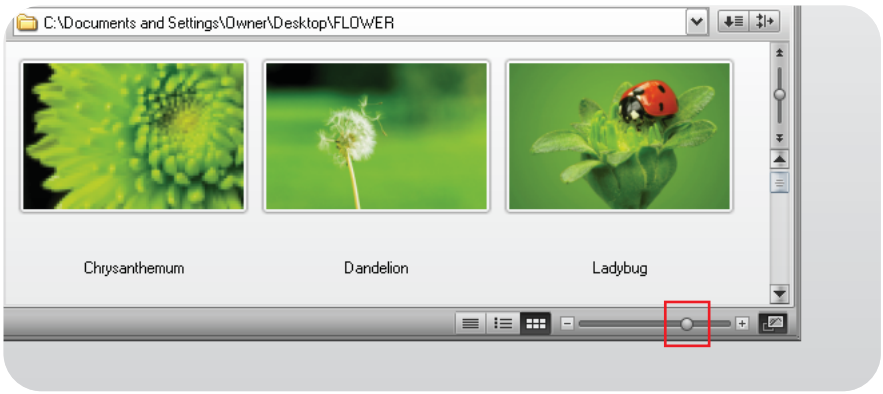
To make the thumbnail smaller:

Move the slider at the bottom of Firegraphic to the left to make the thumbnails smaller.



To make the thumbnail larger:

Move the slider at the bottom of Firegraphic to the right to make the thumbnails larger.



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View Modes

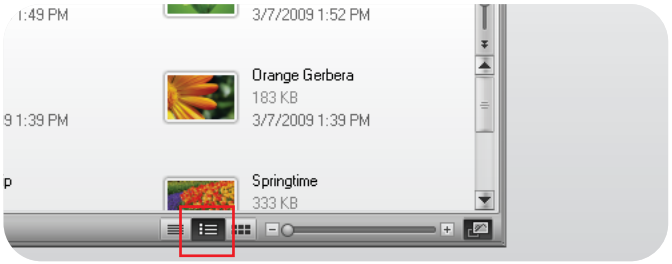
All your photos and folders are listed on screen. When you scroll through the page, you'll see all your photos and files in each folder, including the subfolders. You can choose between three different View Modes – thumbnails, tile, and details.

To change the View Mode:

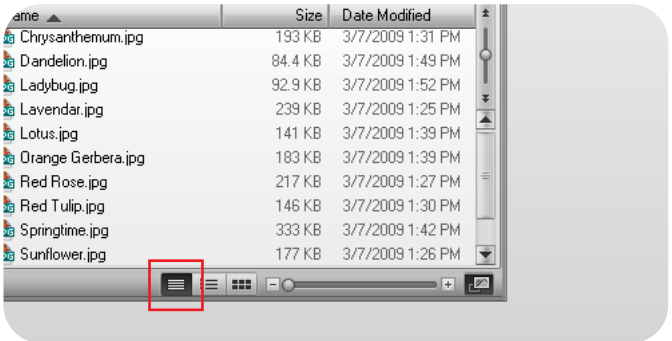
Click the View Mode buttons at the bottom of the application to change the View Mode.

Thumbnails – photos and files are displayed in thumbnail images

Tiles – files and folders are listed in tiles



Details – In table mode file list columns can be sorted — you can sort files either by name, size, or date modified. Click once on the column header to change the sorting order (ascending or descending).



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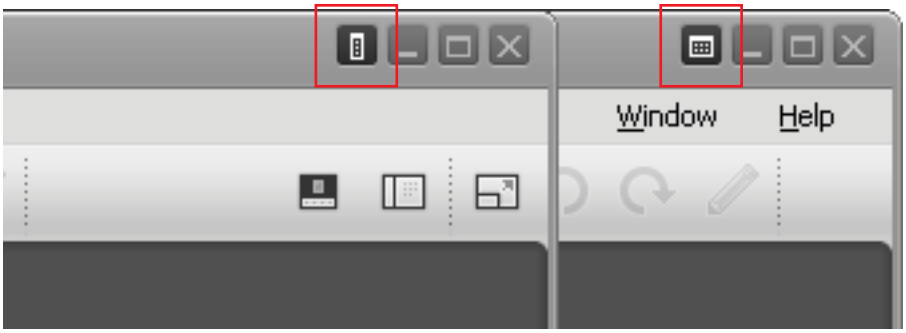
Switch between Compact Mode and Advanced Mode

By default, Firegraphic starts in the Advanced Mode, which shows your folders in TreeView, the thumbnail images and the photo preview. When you need to edit your photos in your image editor like Photoshop, you can easily shrink Firegraphic into Compact Mode and align Firegraphic with your image editor. Then you can drag the photo directly to the image editor for editing.

To switch between the Compact Mode and the Advanced Mode:

Click on the **Advanced Mode** button or the **Compact Mode** button .
(Shortcut: **Ctrl+Alt+L**)



Advanced Mode Compact Mode

From Compact Mode to Advanced Mode

Compact Mode Advanced Mode

From Advanced Mode to Compact Mode

Advanced Mode Compact Mode

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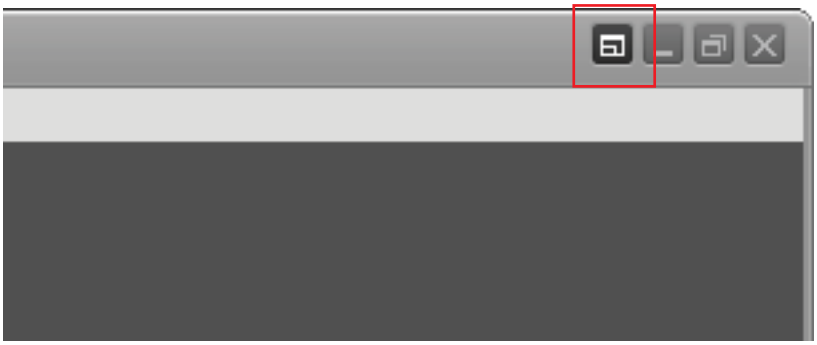
View Photos in Full Screen Mode

View your photos in the full screen mode to see photo in full detail.

To view photo in full screen mode:

1. Open the photo in the **Viewer**.
2. Do one of the following:
   - Press the **F** key
   - Right-click on the Viewer and select **Full Screen** from the menu
   - Click the Full screen button



Viewer

To return to the normal mode:

- Right-click the photo and select **Full Screen**
- Press **F** or **Esc** button on your keyboard

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Open Multiple Photos in Viewers

The Viewer displays the photo in its actual size by default. You can open similar photos in Viewers and compare them side by side to choose your best shot. When multiple Viewers are opened at the same time, Firegraphic will arrange all the viewers automatically.

To open multiple photos in Viewer:

1. Select the photos you want to open.
2. Press the **Enter** Key to open photos in the Viewers.

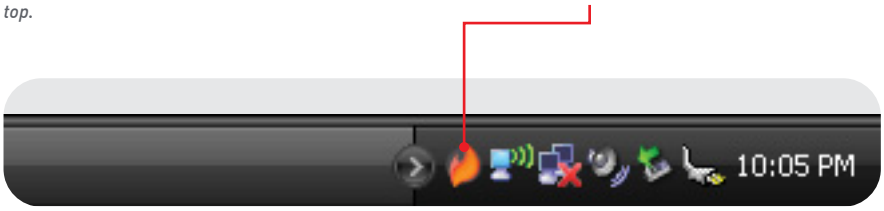
To view photo in full screen mode:

1. Open the photo in the Viewer.
2. Right-click on the Viewer and select **Full Screen** (Shortcut: **F**) from the menu.

To return to the normal mode:

- Right-click the photo and select **Full Screen**
- Press **F** or **Esc** button on your keyboard

*Note: If you have multiple Viewers opened, simply click on the **Firegraphic tray icon** to bring all the Viewers to top.*



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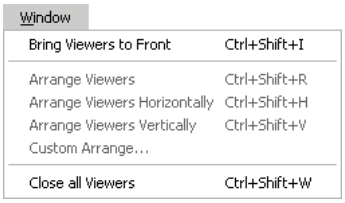
Arrange Viewers

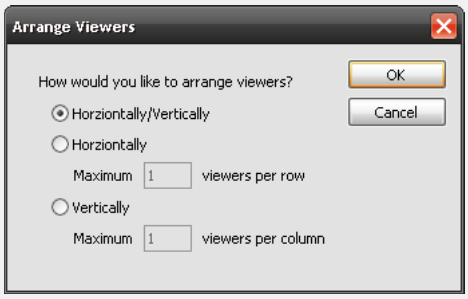
You can arrange multiple Viewers vertically and/or horizontally. This helps when you need to open multiple Viewers to compare similar photos, and you don't have to switch between different Viewers to do the comparison.

To arrange the Viewers:

1. Select the photos and open them in the Viewers.
2. You can arrange the Viewers according to your preference. Under the Window menu, select the following arrangement method.



Bring Explorer to Front	Brings the Explorer window to the front
Bring Viewers to Front	Brings the currently active Viewer to the front
Arrange Viewers Horizontally	Arranges all the Viewers horizontally
Arrange Viewers Vertically	Arranges all the Viewers vertically
Arrange Viewers...	An Arrange Viewers dialog box appears with more arrangement options for you to choose from. • **Horizontally/Vertically** - this will arrange all the Viewers both horizontally and vertically • **Horizontally** - this will arrange all the Viewers horizontally according to the number of Viewers you specify per row • **Vertically** - this will arrange all the Viewers vertically according to the number of Viewers you specify per column
Close all Viewers	Closes all the Viewers



To bring the Viewer(s) to top, you can click on the Firegraphic tray icon or use the keyboard shortcut key **Ctrl+Tab**.

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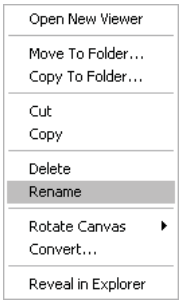
Renaming Images

Rename your photos meaningful name instead of the alphanumeric names assigned by your digital camera. You can rename a batch of photos all at once.

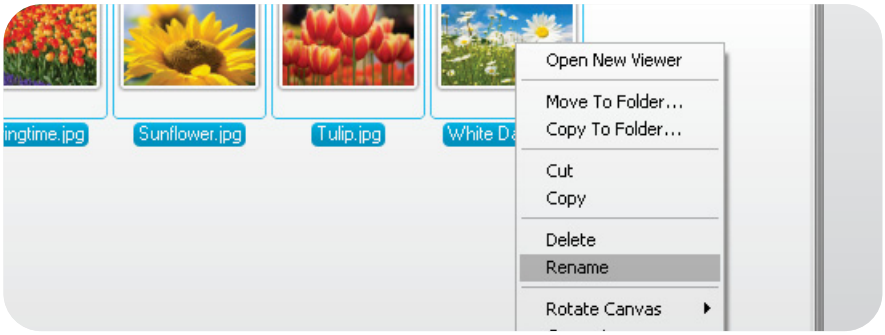
To rename a photo:



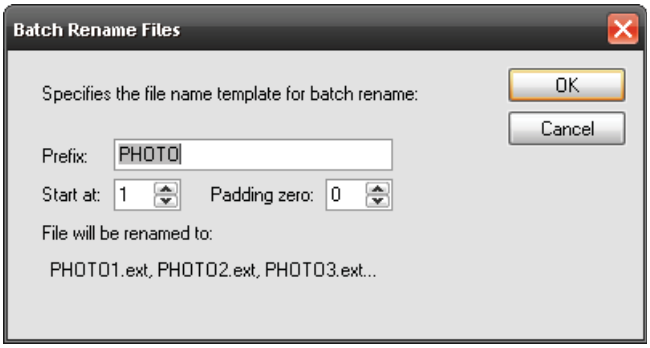
1. Select a thumbnail image.
2. Right-click and choose **Rename** from the context menu, or press the shortcut key "**F2**".
3. Type a new name for the photo.
4. Press **Enter** to rename.

To rename multiple photos:

1. Select the photos you want to rename in batch.
2. Right-click on the selected photos and select **Rename** from the context menu (Shortcut: **F2**).



3. In the Batch Rename dialog box, type the new name in the Prefix field for the selected photos; choose the starting number for the first selected image, and choose how many zeros you want to place before the starting number. You will see how the new name looks like at the bottom of the dialog box.



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Organize Photos in Favorites

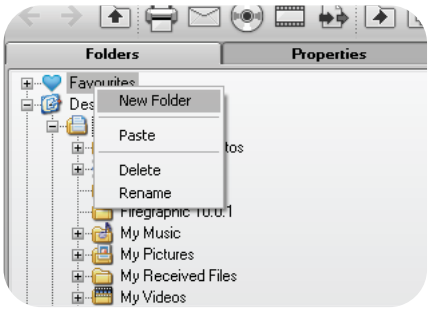
Add your photos to the Favorites folder and categorize them into different albums for easy access later. You can create different folders in Favorites to better organize your photos. When you organize your photo collections, you can move your photos, even folders, around by drag and drop.

To add your photos to Favorites:

- Drag and drop the selected photos to the Favorites folder, or
- Select the photos and use the "Move To" function (Shortcut: **Ctrl+M**) to move the photos to the Favorites folder.

To create new folder in Favorites:

1. Right-click on the Favorites folder and select **New Folder**.



2. Enter a name for the new folder.
3. Press **Enter** to create.

Note: The photos you added to the Favorites folder are just shortcuts to the original photos. Delete the photos in the Favorites folder do not delete the originals.

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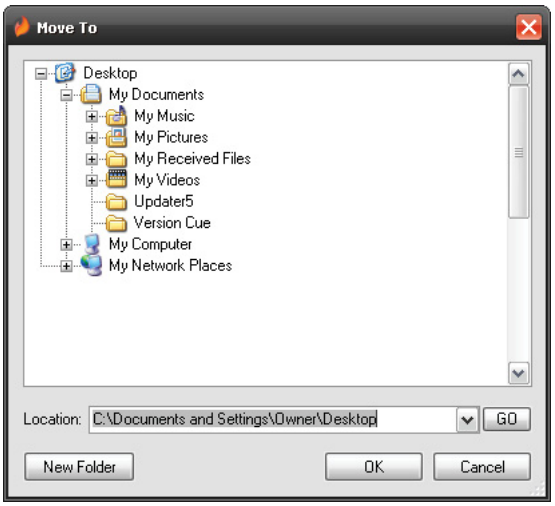
Moving Photos within Firegraphic

You can move photos, even folders, to another folder by drag and drop. If there is a file with the same filename, a dialog box with the options to replace or rename the file appears.

To move photo(s) to another folder:

1. Select the photos you want to move to another folder.
2. Do one of the following:
   - Drag and drop the selected files to the folder you want
   - Click the **Move to Folder** button (Shortcut: **Ctrl+M**)



3. A "Move To" dialog box appears. Select the folder you want the photo(s) to be moved to.
4. Click **OK**.

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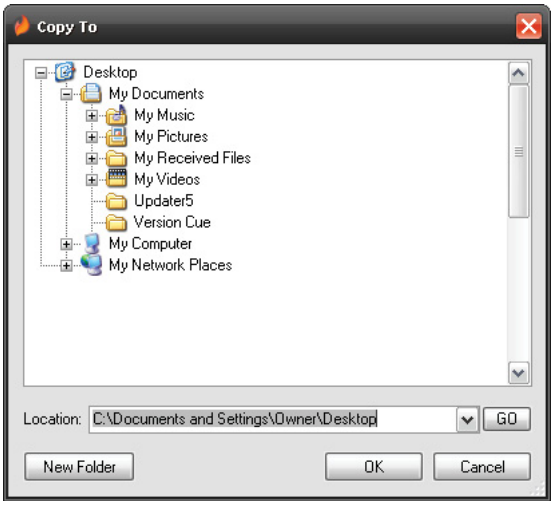
Copy Photos to Other Folder

You can make copies of your photos from one folder to another. If there is a file with the same filename, a dialog box with the options to replace or rename the file appears.

To copy photo(s) to another folder:

1. Select the photos you want to copy to another folder.
2. Click the **Copy to Folder** button (Shortcut: **Ctrl+T**)



3. A "Copy To" dialog box appears. Select the folder you want the photo(s) to be copied to.
4. Click **OK**.

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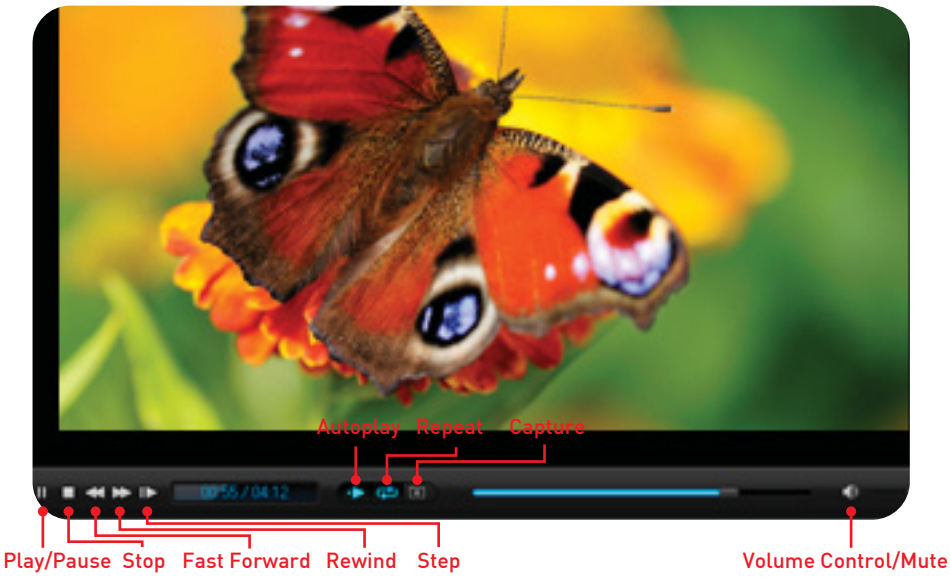
Play Video Files

Play your videos with Firegraphic's built-in media player while organizing your video collections. The built-in media player supports variety of video file formats, including 3PG, AVI, FLV, MOV, MP4, MPEG, and WMV.

To preview the video:

Select the video file and click the **Play** button. The video will start playing in the preview window automatically.

If you want to repeat play the video, click the **Repeat** button to turn this function on. You can also click the Auto Play button to play the video automatically whenever you select a video file.



To view the video in full screen:

1. Open the video in Viewer.
2. Right-click on the Viewer and select **Full screen** (shortcut: **F**) from the context menu.

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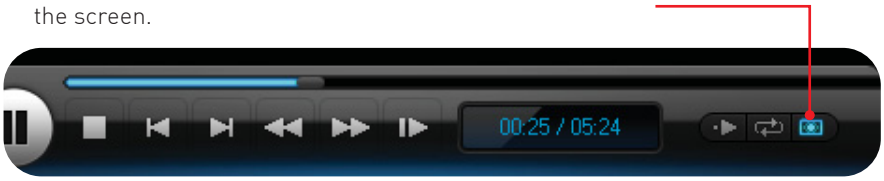
Capture Video Screen

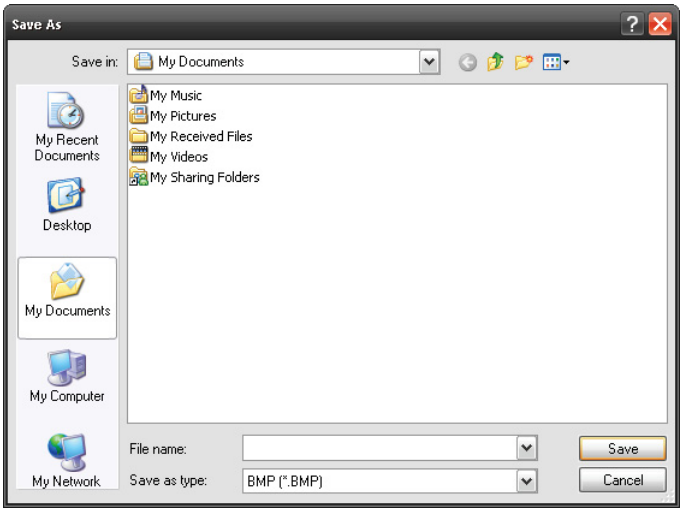
You can capture a screen shot of a video being played. Just click the video screen capture button and take a snap shot of the video.

To take a screen shot of a video:

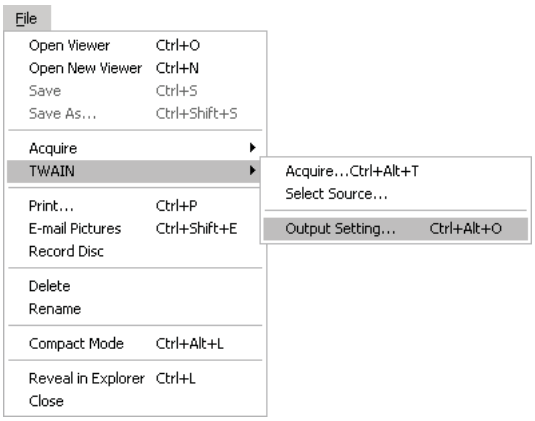
1. In Firegraphic, select and play the video you wish to capture a screen.
2. When the shot you wish to capture shows up, click the **Capture** button to save the screen.



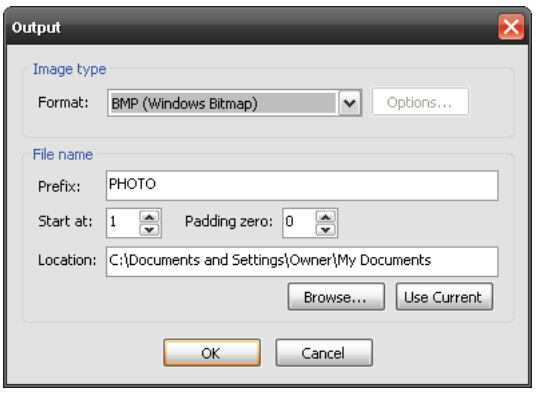
3. In the **Save As...** dialog box, type a name for the captured image and choose a location to save.



To setup the screen capture output file format:



1. Choose **File → TWAIN → Output Setting**.
2. In the Output Setting dialog box, select the file format and the location for the saved file.



3. Click **OK** to save the settings.

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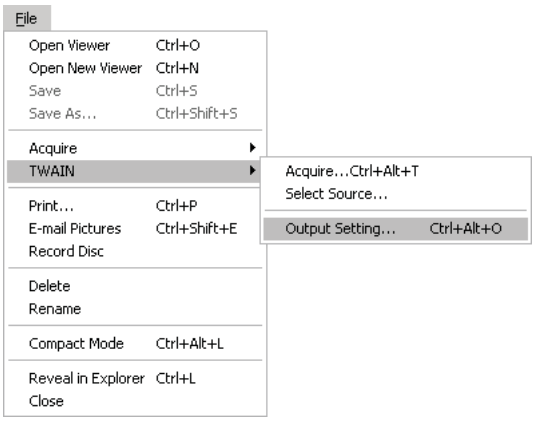
Screen Capture

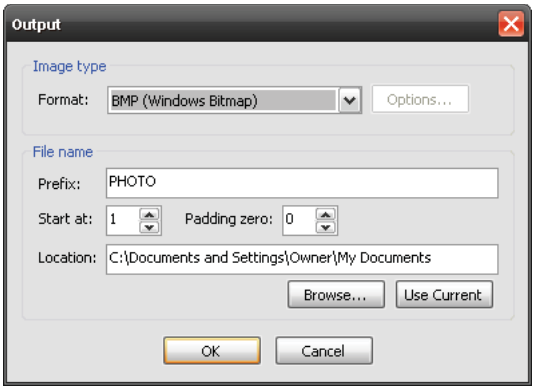
You can use the Screen Capture tool to take a snap shot of your screen, or drag an image directly from the web browser to Firegraphic's Explorer window. The screen you captured will be shown immediately in the Explorer window. You can then rename the newly saved image and move it to the right folder.

Setup the screen capture tool:

1. Choose **File → TWAIN → Output Setting**.



2. In the Output Setting dialog box, select the file format and the location for the saved file.



3. Click **OK** to save the settings.

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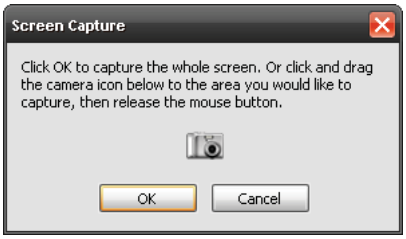
To use the screen capture tool:

1. Choose **File → Acquire → Screen Capture...** (Shortcut: **Ctrl+Alt+S**)
2. The Screen Capture dialog box appears with a camera icon in it.



3. To capture the **whole screen**, click **OK**.
4. To capture a **portion of the screen**, click and drag the camera icon to the area you would like to capture.
5. When the area you want to capture is selected by a rectangle box, release your mouse click button.
6. The screen will save and display in the Explorer window.

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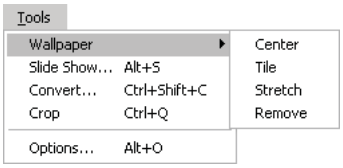
Set an Image as Wallpaper

You can select any image and make it your desktop wallpaper. There are few options on how you want the image to display on your desktop for you to choose from.

To set an image as the desktop wallpaper:

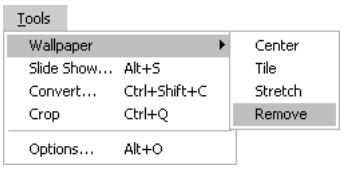
1. Select an image you want to use as your desktop background.
2. Under **Tools**, click **Wallpaper**. Then select how you want the image to be displayed on your desktop.



- **Center** - your image will be position at the center of your screen
- **Tile** - your image will be displayed in tiles
- **Stretch** - your image will be stretched to fit your screen

To remove an image from the desktop wallpaper:

Choose **Tools → Wallpaper → Remove**



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View Multiple-Page Image

You can view an image that contains multiple images in it, such as gif animation and multiple-page TIFF files.

To view a multiple-page image:

1. Open the multiple-page image in the Viewer.
2. Choose **View → Next Page** (Shortcut: **Ctrl+Page Down**)/**Previous Page** (Shortcut: **Ctrl+Page Up**)

If you know which page you want to view in the multiple-page image, choose **View → Goto Page** (Shortcut: **Ctrl+Shift+G**).

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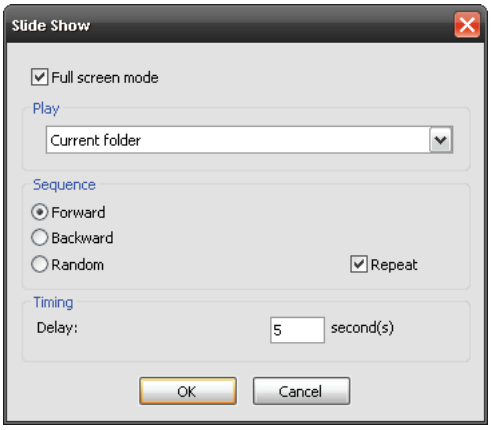
Play Slide Show of your photos

Slideshow displays a sequence of photos in a predetermined time. You can play slideshow with all photos in the current folder and the subfolder(s). There are options for you to customize your slideshow, including change the sequence of the photos, and set the slideshow timer to determine how fast the image going on to the next.

To start the slideshow in the Explorer:

1. Click the **Slideshow** button or choose **Tools → Slide Show...** (Shortcut: **Alt+S**)

2. In the Slideshow dialog box, select the preference for the slideshow:



- **Full screen mode** - check if you want to view the slideshow in full screen
- **Play** - choose to view photos in the current folder or include photos in subfolder(s)
- **Sequence** - select either forward, backward, or random for the slideshow display sequence
- **Repeat** - check if you want to display photos in a particular folder continuously
- **Timing** - enter a number to determine how fast the photo going on to the next

3. Click **OK** to start the slideshow.

To start and stop the slideshow in the Viewer:

1. Do one of the following:
   - Right-click on the Viewer and select **Start/Stop Slide Show** (Shortcut: **Alt+S**)
   - Click the **Slideshow** button

2. In the Slideshow dialog box, select the preference for the slideshow.
3. Click **OK** to start the slideshow.

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View and Extract Photos in Zip Files

You can view and extract photos from a Zip file directly in Firegraphic.

To view photos in a Zip file:

Click on the Zip file on the folder pane, the photos will display as thumbnail images on your screen.

To extract a photo from a Zip file:

1. Select the photo in the Zip file.
2. Do one of the following:
   - Choose **Edit → Extract...**
   - Right-click the thumbnail image and select **Extract...**
3. In the dialog box, select the location where you want the photo to extract to.
4. Click **OK** to extract.

Note: If you want to modify a photo in a Zip file, you need to extract the photo to a specific location before you can make changes the photo.

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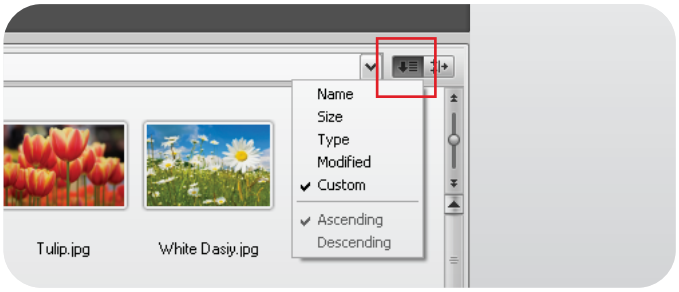
Sort Images

You can arrange image files in different order, such as name, size, file type, date modified, or drag your photos around to create a custom sort order.

To sort photos:

1. Do one of the following:
   - Click the **Sort** button



   - Choose **View → Sort by**, or click the Sort by button if you have added this icon to the toolbar.
2. Select the way you want your photos to be sorted from the menu.

CLICK	TO
Name	Arrange images in alphabetical order by the filename.
Size	Arrange images in the order of file size.
Type	Arrange images in the order of file type.
Modified	Arrange images in the order that the image file was last modified.
Custom	Arrange images in the order you want them to display.
Ascending	Arrange images in an ascending order.
Descending	Arrange images in a descending order.

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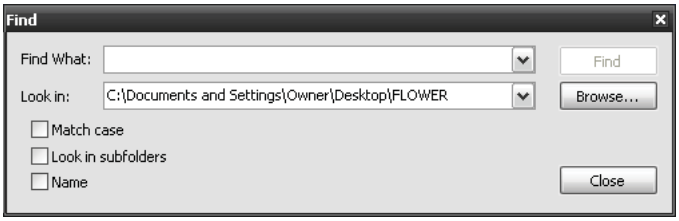
Search Image

You can search images by different criterias, such as author, keyword, and file name.

To search image:

1. Choose **Edit → Find...**, or click the Search button if you have added this icon to the toolbar. (Shortcut: **Ctrl+F**)
2. In the dialog box, type the word(s) in the Find What text box as the criteria.
   - To search by author, click on the checkbox beside Artist
   - To search by keyword, click on the checkbox beside Keyword
   - To search by file name, click on the checkbox beside Name
   - Check the Look in subfolders option to include subfolders in the search process
   - Specify a search location in the Look in box
3. Press the Find button to start the search.



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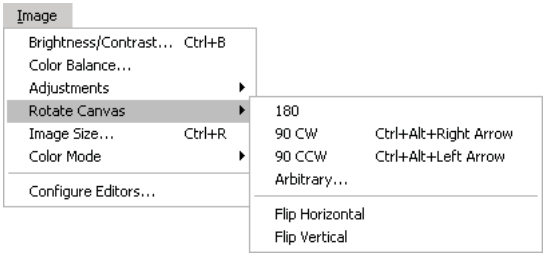
Chapter 5: Edit photos

Image Rotation

You can rotate photos in batch by any angle. (Shortcut: **Ctrl+Alt+Left** Arrow for 90° counterclockwise, **Ctrl+Alt+Right** Arrow for 90° clockwise)

To rotate a photo:

1. Select a photo.
2. Choose **Image → Rotate Canvas**, and choose one of the following commands from the submenu:



- 180°
- 90° Clockwise
- 90° Counterclockwise
- Arbitrary to rotate the photo by the angle you specify. If you choose this option, enter an angle in the angle text box, and then select CW or CCW to rotate clockwise or counterclockwise. Click **OK** to apply.

To save a rotated photo:

- Choose **File → Save**, or
- Choose **File → Save As** to save the photo with a different name

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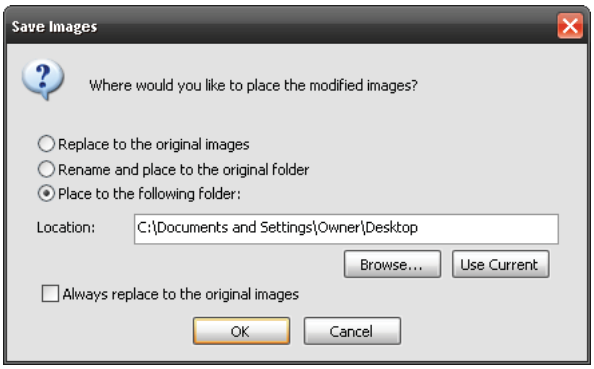
To rotate multiple photos:

1. Select the photos.
2. Choose **Image → Rotate Canvas**, and choose one of the following commands from the submenu:
   - 180º
   - 90º Clockwise
   - 90º Counterclockwise
   - Arbitrary to rotate the photo by the angle you specify. If you choose this option, enter an angle in the angle text box, and then select CW or CCW to rotate clockwise or counterclockwise. Click OK to apply.
3. A save images dialog box appears.



4. In the dialog box, choose either replace the original images, rename and place to the original folder, or place the rotated images to another folder.
5. Click **OK** to save.

Note: When you move to another image without saving, a confirmation dialog box will appear and ask whether to save the changes to the image. Click Yes to save and No to cancel.

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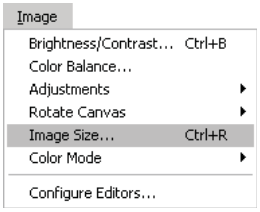
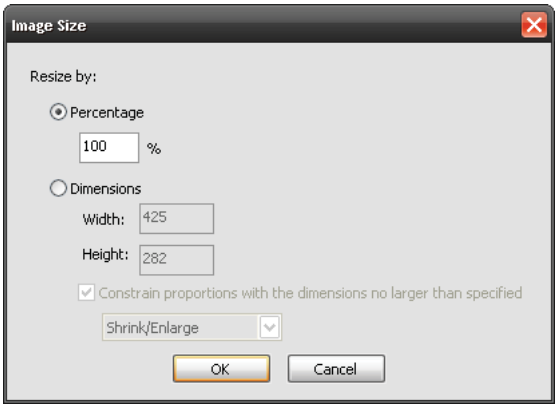
Resizing Images

Use the Image Size command to shrink/enlarge photos in percent or by width and height.

To resize the photos:

1. Select the photos.
2. Choose **Image → Image Size** (Shortcut: **Ctrl+R**). The Image Size dialog box appears.





3. Select the way you want to resize the photo by either Percentage or by a specific Dimension.
4. Click **OK** to apply the changes.

Note: When you resize photos in batch, all manipulated images will be saved automatically.

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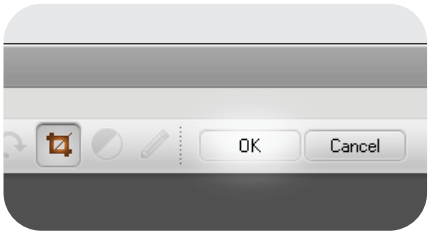
Crop Photo

You can manually select or define a specific dimension such as 4 x 6 to crop your photo to remove unwanted portion. You can also select a portion of a photo with the Marquee tool and save it as another image. The area which is going to be deleted is darkened, giving you an idea on how your photo will look like when the photo is cropped.

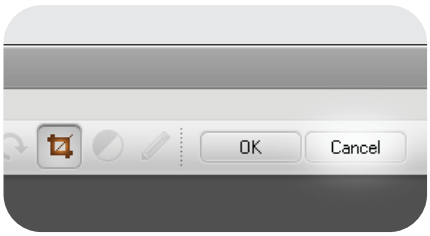
To crop the photo using the Crop tool:

1. Select a photo and the Crop button.

2. Define the cropping area by dragging the cross-hair pointer over the part of the photo you want to keep.
3. To crop the photo, click the **OK** button in the toolbar, or right-click on the selected area and choose **Crop** from the context menu.



4. To cancel the crop process, do one of the following:
   - Click the **Cancel** button in the toolbar
   - Right-click on the selected area and choose **Cancel** from the context menu



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To save a portion of the photo:

1. Select the photo and the **Crop** button.

2. Define the cropping area by dragging over the part of the photo you want to save.
3. Right-click on the selected area and choose **Save Selection As...**

4. In the Save As dialog box, choose a location to save the selected area.
5. Click **Save** to save.

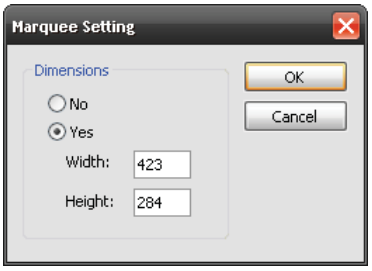
If you want to crop an image to a specific dimension, you can set a specific dimension in the Marquee Setting option.

To set dimension in the marquee setting option:

1. Select the **Crop** button.

2. Right-click on the photo and select **Options**.

3. In the Marquee Setting dialog box, click on the Yes option and enter a number to constrain the width and the height of the image.



4. Click **OK**.
5. Use the Marquee tool to define an area to crop. Then follow the instructions above to crop the photo.

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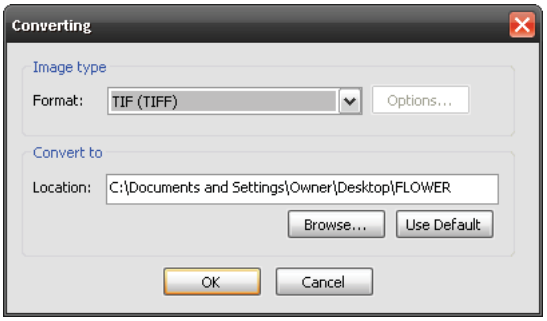
Convert Photo Format

The Convert function allows you to change a photo from one format to another such as changing a photo from RAW to JPG. You can convert one photo at a time or select multiple photos and convert them into the same file format at once.

To convert photo to another format:

1. Select a photo.
2. Do one of the following:
   - Right-click on the selected photo and choose **Convert...** (Shortcut: **Ctrl+Shift+C**) from the context menu.
   - Click the Convert button in the toolbar

   The Convert dialog box appears.
3. In the dialog box, choose the file format you would like to convert to and the location where the new image will be saved.



4. Click **OK**.

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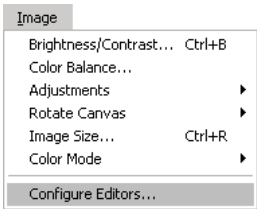
Select and Launch Third Party Image Editors

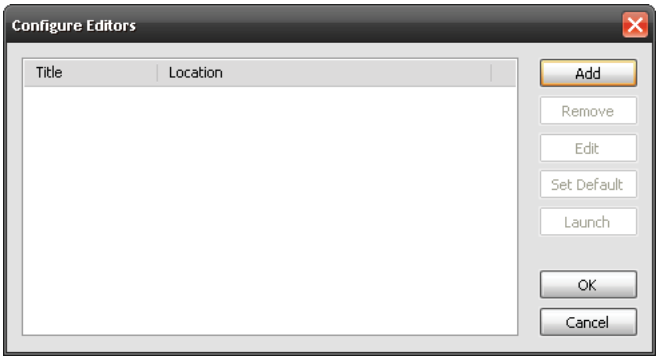
Send photos to a third party image editor for photo editing and retouching can be done in one click. Simply add the image editors to the editor list and set the most frequently used as the default editor. Whenever you click the Send to Editor button, the default image editor will launch and the photo you selected in Firegraphic will open in the editor.

To add image editor:

1. Choose **Image → Configure Editors....**



2. In the Configure Editors dialog box, click the **Add** button.



3. Type the name of the editor in the Title field, and browse for the location of the editor. Click **OK**.
4. After you have added all the editors to the list, click **OK** to finish.

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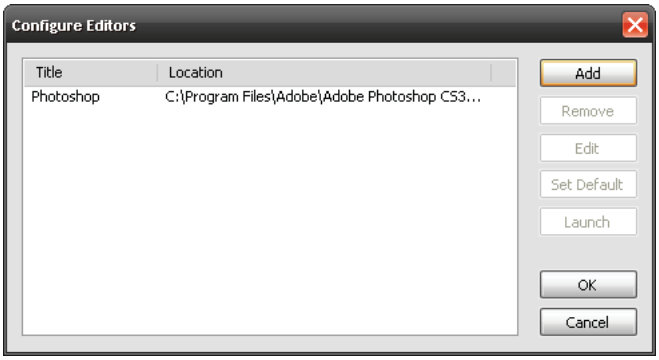
To set the default image editor:

1. Open the Configure Editors dialog box as above.
2. Select an editor from the list.



3. Click the **Set Default** button. The selected editor is now the default editor.
4. Click **OK** to finish.

Note: The name of the image editor on the first row of the list will be the default editor.

To launch the default image editor:

1. Select a photo.
2. Click the Editor button. The default editor will launch. (Shortcut: **Ctrl+E**)

To launch an image editor from the editor list:

1. Open the Configure Editors dialog box as above.
2. Select and editor from the list.
3. Click the **Launch** button.

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Photo Zooming

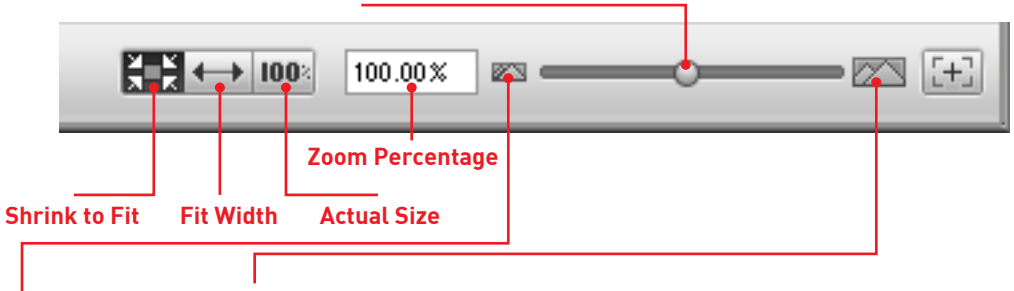
Your photo is displayed at actual size in the Viewer by default. You can zoom in to reveal details of the photo or choose Fit on Screen to view the entire photo.

Zoom In

Zoom In will magnify the photo. The Zoom In button can be access in the Explorer toolbar and in the Viewer's right-click menu. (Shortcut: **+**)

To zoom in, do one of the following:

- Move the **Zoom In/Out slider** at the bottom of the Viewer



- Click the **Zoom In** button. Each click magnifies the image to the next preset percentage
- Right-click on the Viewer and select Zoom In to magnify to the next preset percentage

Zoom Out

Zoom Out will shrink the photo. The Zoom Out button can be access in the Explorer toolbar and in the Viewer's right-click menu. (Shortcut: **-**)

To zoom out, do one of the following:

- Move the **Zoom In/Out slider** at the bottom of the Viewer
- Click the **Zoom Out button**. Each click reduces the photo to the previous preset percentage
- Right-click on the Viewer and select Zoom Out to reduce to the previous preset percentage

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Automatically Shrink or Enlarge Images

You can shrink or enlarge an image to fit the size of the viewer.

To automatically shrink a large image:

- Click the **Shrink to Fit** button at the bottom of the Viewer

- Right-click on the Viewer and select **Zoom → Shrink to Fit** from the context menu (Shortcut: **Ctrl+-**)

To automatically enlarge a small image:

Right-click on the Viewer and select **Zoom → Enlarge to Fit** from the context menu (Shortcut: **Ctrl++**)

Other Zoom Options

To view the actual size of the image:

- Click the **Actual Size** button at the bottom of the Viewer
- Right-click on the Viewer and select **Zoom → Actual size** from the context menu (Shortcut: **Ctrl+A**)

To view the image at the largest size that fits the Viewer:

Right-click on the Viewer and select **Zoom → Fit On Screen** from the context menu (Shortcut:**Ctrl+***)

To display all image at the current zoom option:

Right -click on the Viewer and select **Zoom → Lock** from the context menu (Shortcut: **Ctrl+L**)

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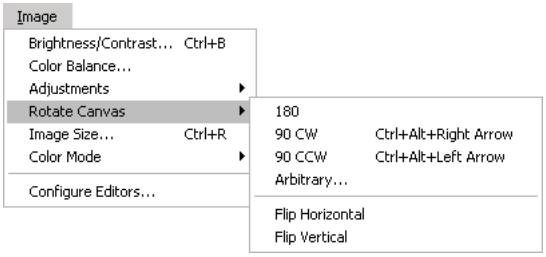
Flip the Photo

You can flip a photo both horizontally and vertically to create a reverse image of the photo.

To flip a photo:

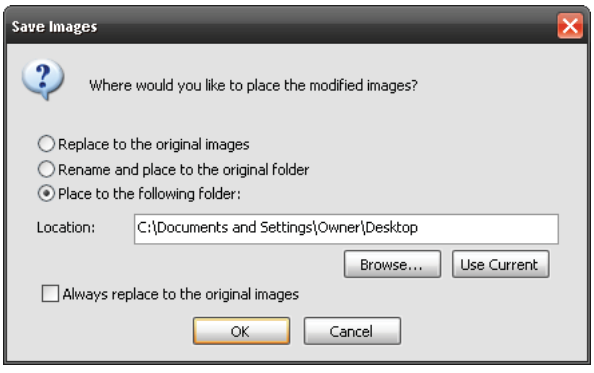
1. Select a photo.
2. Choose **Image → Rotate Canvas**, and choose one of the following commands from the submenu:



- Flip Horizontal to flip the image horizontally
- Flip Vertical to flip the image vertically

To flip multiple photos:

1. Select the photos.
2. Choose **Image → Rotate Canvas**, and choose one of the following commands from the submenu:
   - Flip Horizontal
   - Flip Vertical
3. A save images dialog box appears.



4. In the dialog box, choose replace the original photos, rename and place to the original folder, or place the modified photos to another folder.
5. Click **OK** to save.

Note: When you move to another photo without saving, the save changes confirmation dialog box appears and asks you whether you want to save the changes to the photo. Click Yes to save and No to cancel.

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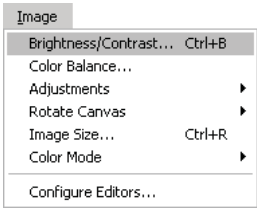
Adjust Brightness/Contrast

This command allows you to adjust the brightness and contrast of your photos.

To adjust Brightness/Contrast:

1. Select the photo.
2. Choose **Images → Brightness/Contrast...** (Shortcut: **Ctrl+B**)



3. In the Brightness/Contrast dialog box, move the sliders to increase or decrease the brightness and contrast values of the photo. Or specifies the Brightness and/or Contrast value you wish to add to the current photo.

4. Click **OK** to apply.

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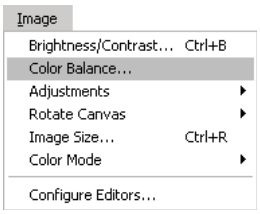
Adjust Color Balance

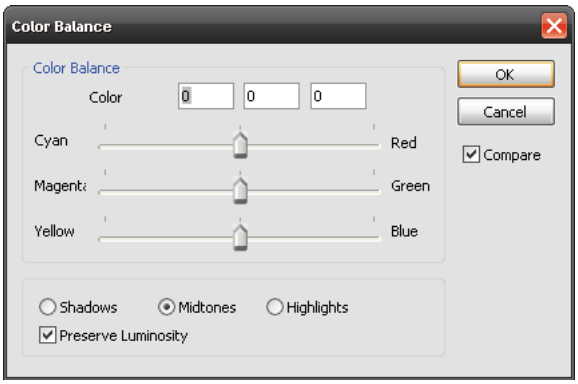
The Color Balance function allows you to adjust the color balance and the tone balance of the photo. You can alter the color of the photo and see the result before you save the changes.

To adjust color balance and tone balance:

1. Select the photo.
2. Choose **Images → Color Balance...** The Color Balance dialog box appears.



3. In the Color Balance section of the dialog box, move the sliders to adjust the color balance values.



4. Select Shadows, Midtones, or Highlights to select the tonal range on which you want to changes.
5. Select Preserve Luminosity to prevent changing the luminosity values in the photo while changing the color. This option maintains the tonal balance in the photo.
6. Click **OK** to apply.

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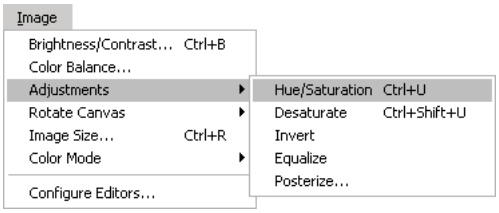
Hue/Saturation

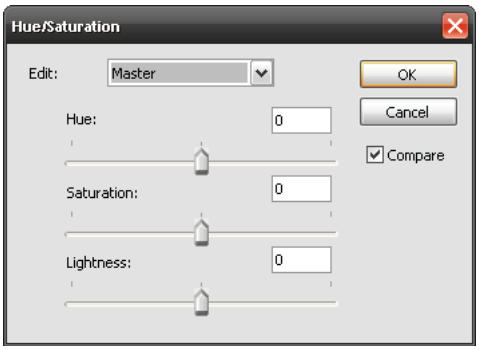
This command lets you to adjust the hue, saturation, and lightness of your photos.

To use the Hue/Saturation command:

1. Select the photo.
2. Choose **Images → Adjustments → Hue/Saturation...** (Shortcut: **Ctrl+U**)



3. In the Hue/Saturation dialog box, choose which color to adjust from the Edit drop down menu.



4. Move the sliders to increase or decrease the hue, saturation, and lightness of the photo.
5. Click **OK** to apply.

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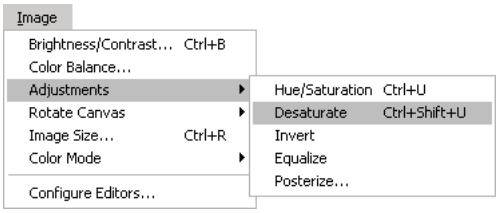
Desaturate

You can use the Desaturate command to convert a color photo to a grayscale photo without changing the color modes while retaining relative brightness levels.

To use the Desaturate command:

1. Select the photo.
2. Choose **Images → Adjustments → Desaturate** (Shortcut: **Shift+Ctrl+U**)

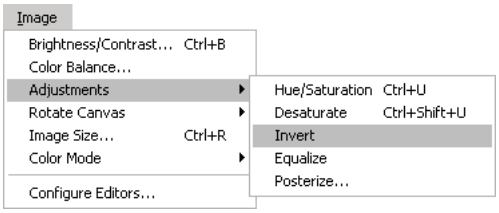


Invert

You can invert the colors in the photo by using the Invert command. This creates an effect of a film negative.

To use the Invert command:

1. Select the photo.
2. Choose **Images → Adjustments → Invert**



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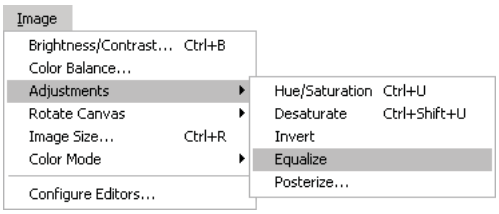
Equalize

This command redistributes the brightness values of the pixels in a photo so that all levels of brightness are equally well represented.

To use the Equalize command:

1. Select the photo.
2. Choose **Images → Adjustments → Equalize**[scree

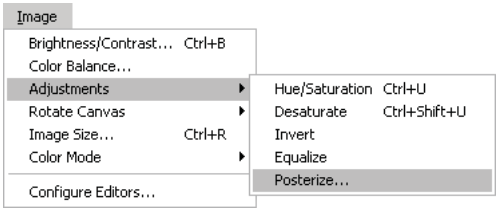


Posterize

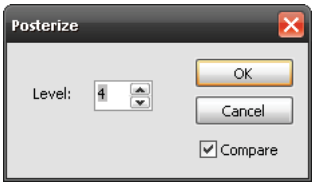
This command lets you specify the number of tonal levels in a photo.

To use the Posterize command:

1. Select the photo.
2. Choose **Images → Adjustments → Posterize...**



3. Enter the number of level (value from 2 to 255) in the Posterize dialog box.



4. Click **OK** to apply.

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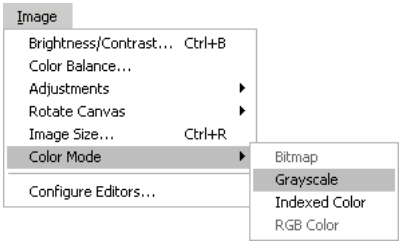
Converting Images to Grayscale

Convert color photos to grayscale.

To convert the photos to grayscale:

1. Select the photos.
2. Choose **Image → Color Mode → Grayscale**



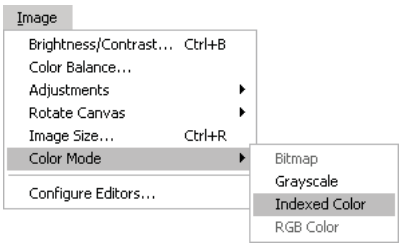
Note: When you process photos in batch, all manipulated photos will be saved automatically.

Indexed Color

This command converts a color image to an indexed color image. The number of colors in the indexed color image is reduced to 256 or less, and file size is also reduced.

To convert an image to Indexed Color:

1. Select the image.
2. Choose **Images → Color Mode → Indexed Color**

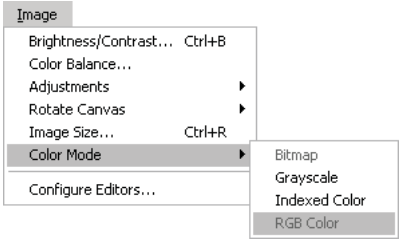


RGB Color

This command converts a color image to an RGB color image.

To convert an image to RGB Color:

1. Select the image.
2. Choose **Images → Color Mode → RGB Color**



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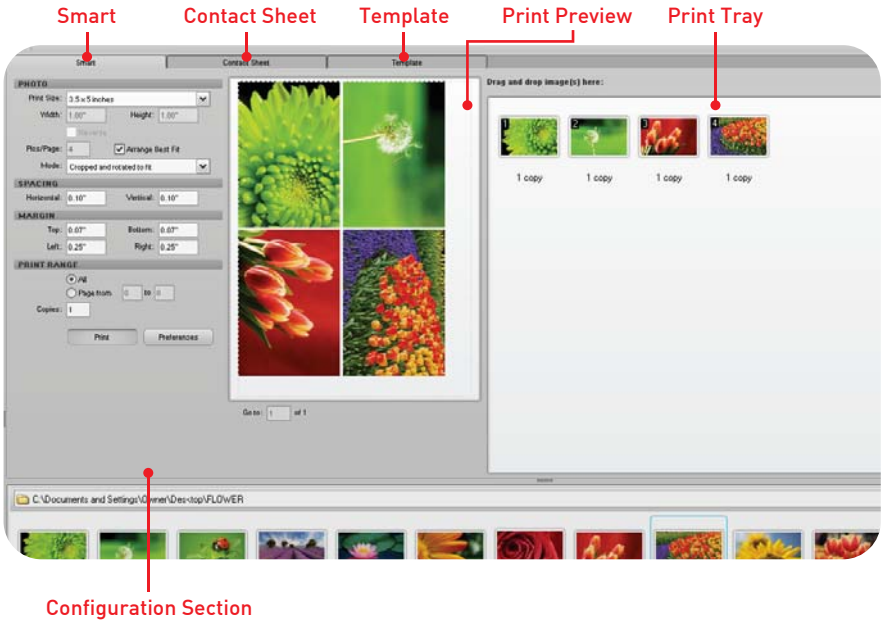
Chapter 6:
Print and share photos

Print Photos

Turn your photos into wallet sized, 4x6, or 8x10 prints. Simply select the photos and choose the photo print size, Firegraphic will automatically arrange maximum number of photos possible on one page, and you'll see how your printouts look like instantly. You can also print contact sheets of your photos for future reference, or quickly arrange photos to print in different sizes on a page with the pre-designed templates.

The Smart printing function is selected by default. You can choose to print a contact sheet or use the pre-designed templates to make prints by selecting the Contact Sheet tag or the Template tag at the top of the Print screen.



To print photos using the Smart printing function:

1. Select the photos you want to print.
2. Do one of the following:
   - Click the **Print** button in the toolbar
   - Choose **File → Print...** from the menu (Shortcut: **Ctrl+P**)
3. The selected thumbnails appear in the Print Tray and the Print Preview. You can add more photos to the Print Tray using drag and drop.
4. You can then choose the print size for the photos and set your print preferences.

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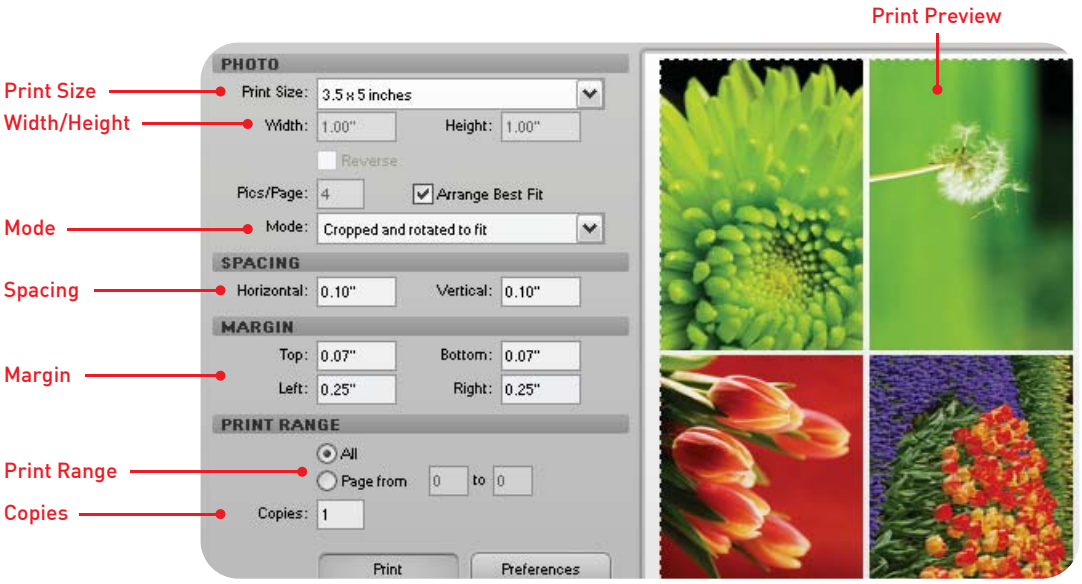
- **Print Size** – select the size of your prints
- **Width/Height** – define your own print size (these options are enable only if you choose the Custom... option in Print Size)
- **Mode** – choose how you want the photos to place on the prints
- **Spacing** – define the space between each prints on the page
- **Margin** – define the print margin of the page
- **Print Range** – define which page to print
- **Copies** – define how many copies you want to print



5. Click **Print** to start printing.

To print contact sheet of your photos:

1. Select the photos you want to print.
2. Do one of the following:
   - Click the **Print** button in the toolbar

   - Choose **File → Print...** from the menu (Shortcut: **Ctrl+P**)
3. The selected thumbnails appear in the Print Tray and the Print Preview. You can add more photos to the Print Tray using drag and drop.
4. Set the print preferences for the contact sheet.
   - **Width/Height** – define the width and height of the photos on the contact sheet
   - **Show Filename** – check this option if you want to include the filename of the photo in the printout
   - **Spacing** – define the space between each prints on the page
   - **Margin** – define the print margin of the page
   - **Print Range** – define which page to print
   - **Copies** – define how many copies you want to print

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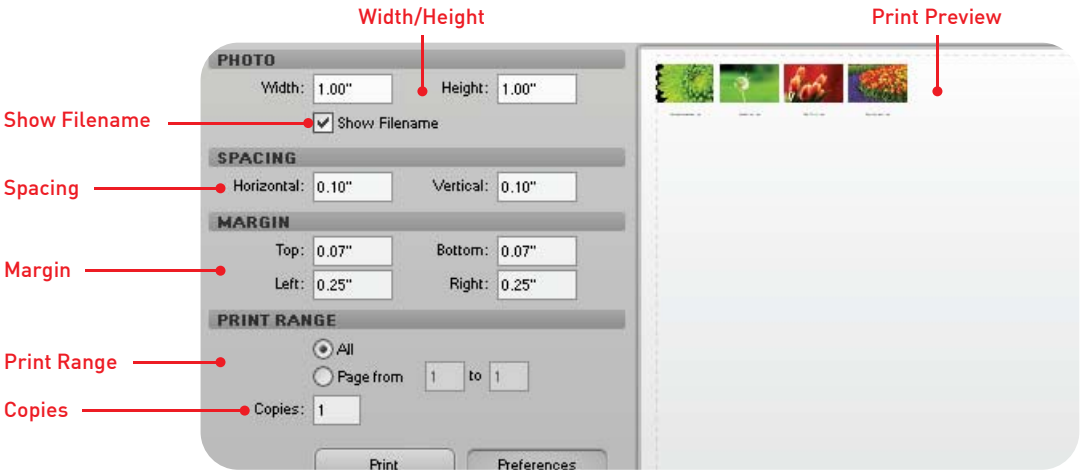


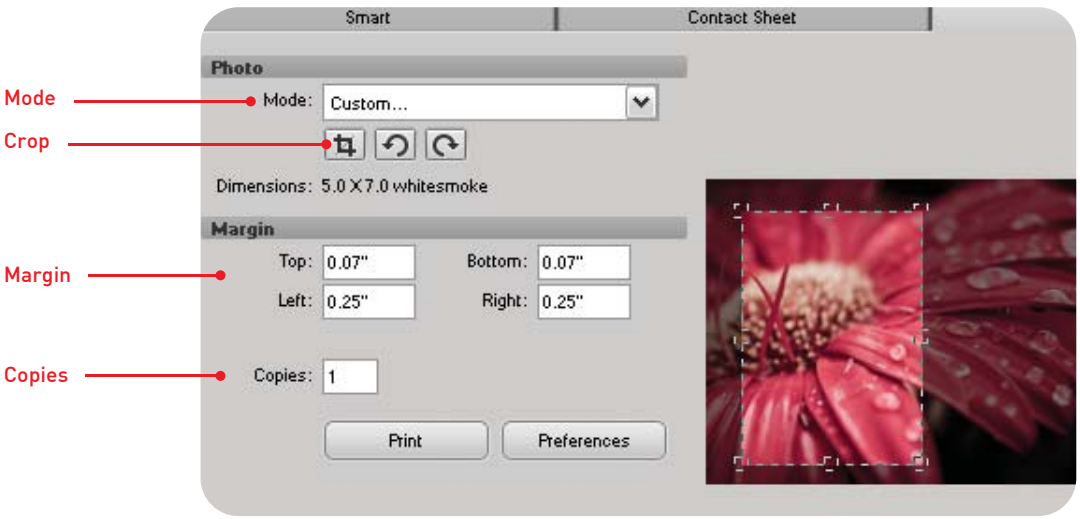
5. Click **Print** to start printing.

To print photos with the templates:

1. Click the Print button in the toolbar to open the Print screen.
2. Select the Template tag.
3. Select the template you want to use from the list. The selected template shows in the Print Preview.
4. Select the photo and drag and drop it on the Print Preview. Once you have placed the photo on the Print Preview, you can arrange the photos on the template by dragging them around in the Print Preview.
5. Set the print preferences.
   - **Mode** – choose how you want the photos to place on the prints.
     There are three buttons at the bottom of the drop-down menu (crop, rotate 90° CW, rotate 90° CCW), you can select a photo in the Print Preview and click one of those button to make changes to the selected photo.

E.g. you've selected a photo, which is highlight in red, then click the Crop button, the Print Preview area will switch to the selected photo with a cross-hair pointer. Now you can drag the cursor to select an area that you want to print, and the unwanted part is darkened. If that is what you want, you can click **OK** to save the changes.

Note: making changes to the preview photo will not alter the original photo.



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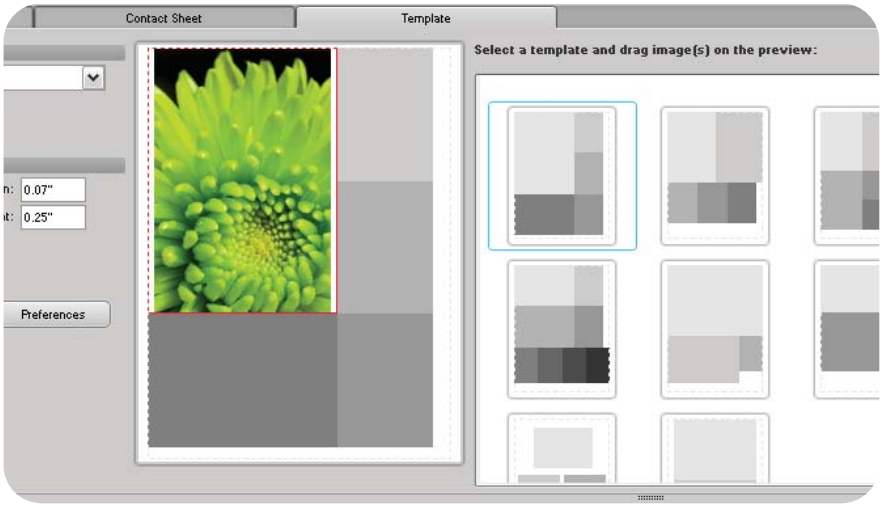
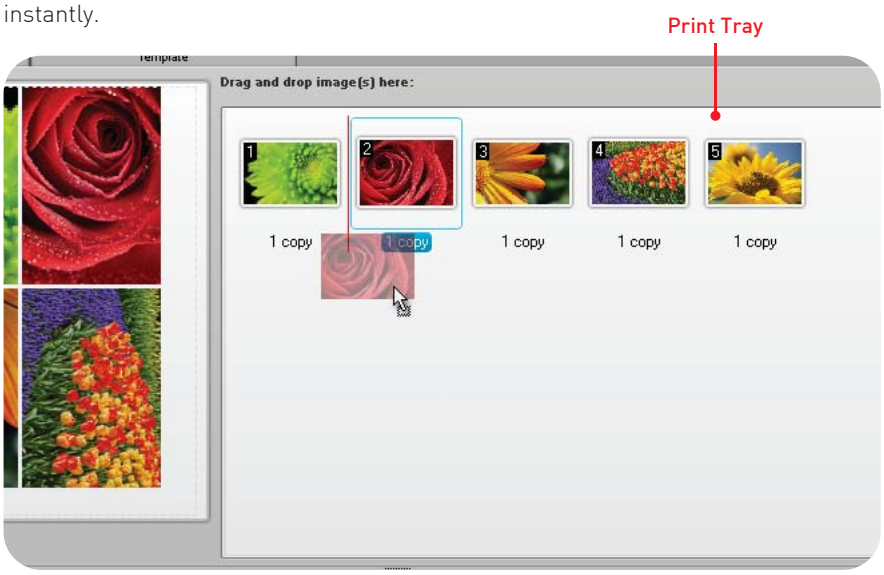
- **Margin** – define the print margin of the page
- **Copies** – define how many copies you want to print



6. Click Print to start printing.

Print Tray

Use the Print Tray to hold and organize the photos to be printed. Drag the photos you want to print to the Print Tray and move them around into the order you want. The sequence of the print order will change and show on the print preview instantly.



To add photos to the Print Tray:

1. Click the Print button in the toolbar to open the Print screen.

2. Select the thumbnails and drag and drop them to the Print Tray.

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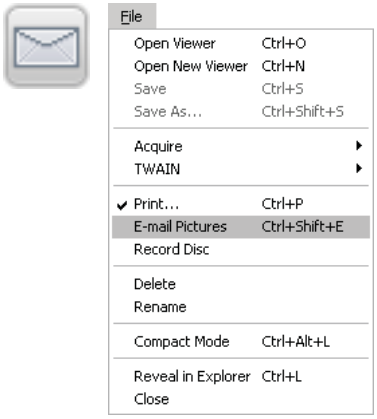
Send Photos Using E-mail

You can e-mail your favorite photos to loved ones without worrying about the photo size is too large for their mail box. You have the options to reduce the file size of the photos without altering the originals before sending out.

To email photo(s):

1. Select the photos you want to send in e-mail. To select more than one photo, hold down the CTRL key while you click the files you want.
2. On the **File** menu, click **E-mail Pictures**, or click the **E-mail Image** in the toolbar. (Shortcut: **Ctrl+Shift+E**)



3. In the Email Pictures dialog box, change the settings to specify the maximum dimensions of the photos. Firegraphic reduces the dimensions and file size of your photos automatically at the time you send it. Making changes to the settings for sending the photos in e-mail does not alter the original photos. If you do not want to shrink the photos, choose No.

4. Click **OK**.

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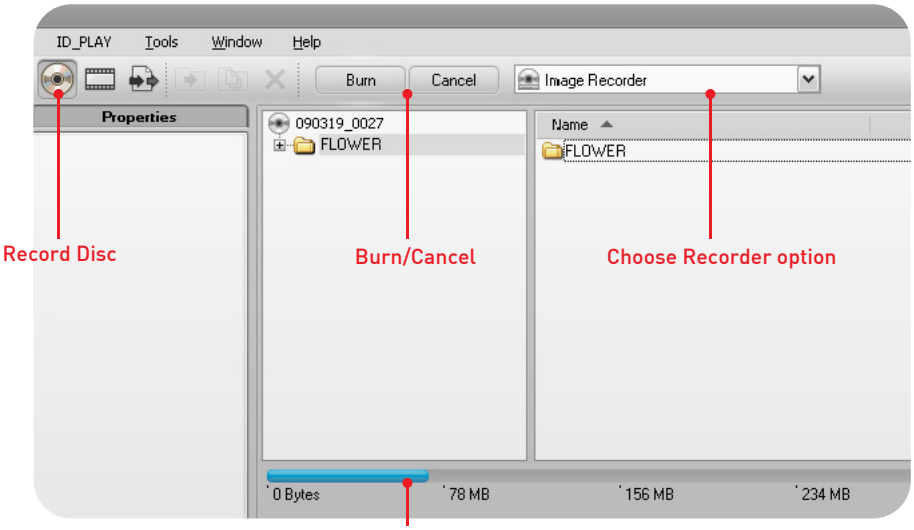
CD Burning

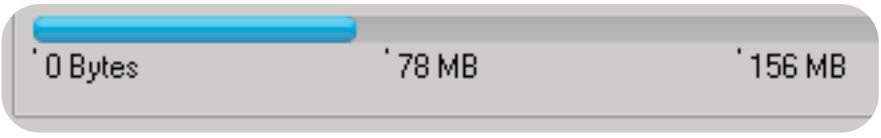
You can burn your photos to CD with an embedded Firegraphic Viewer directly from Firegraphic and share your photo collections with your friends and family or as a backup of your precious memories, so you can use the Firegraphic Viewer to view your photo collections when you load the disc.



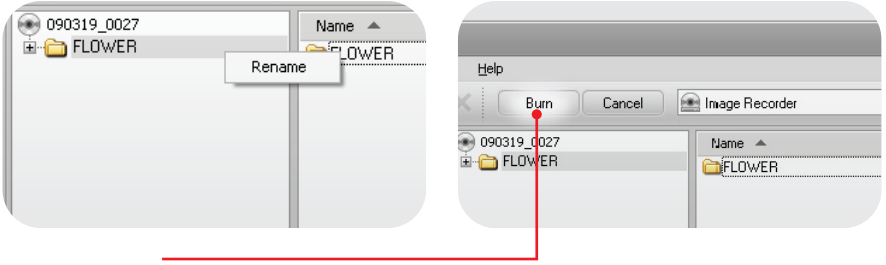
To burn photos to a disc:

1. Click the **Record Disc** button in the toolbar. Then select the photos you want to put onto a disc.

2. Drag and drop the photos, files or folders to the Compilation Area. The capacity scale at the bottom of the CD Recording screen indicates the size of files in the Compilation Area.



3. Right-click the Disc name and choose **Rename** to rename.



4. Click the **Burn** button to start the burning process.

The bottom margin of the screen contains a capacity scale in MB for data discs. The exact size of the scale will depend on which disc type you have selected.

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Chapter 7:
Keyboard shortcuts

Firegraphic Keyboard Shortcuts

Keyboard shortcuts let you quickly select tools and commands without using a menu. When available, the keyboard shortcut appears to the right of the command name in the menu.

Explorer Mode Keyboard Shortcuts

Files

Function	Shortcut Key
Open Viewer	Ctrl+O
Open New Viewer	Ctrl+N
Reveal in Explorer	Ctrl+L
Save	Ctrl+S
Save As...	Ctrl+Shift+S
Removable Drives	Ctrl+Alt+R
Screen Capture	Ctrl+Alt+S
WIA	Ctrl+Alt+W
Output Setting	Ctrl+Alt+O
Acquire...	Ctrl+Alt+T
Print	Ctrl+P
E-mail Pictures	Ctrl+Shift+E
Record Disc	Ctrl+Shift+D
Delete	Delete
Rename	F2
Compact Mode	Ctrl+Alt+L

Edit

Undo	Ctrl+Z
Cut	Ctrl+X
Copy	Ctrl+C
Paste	Ctrl+V
Move To Folder...	Ctrl+M
Copy To Folder...	Ctrl+T
Find...	Ctrl+F
Select All	Ctrl+A

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View

Function	Shortcut Key
Next Image	Space
Previous Image	Shift+Space
Refresh	F5
Show/Hide Left Panel	F7
Show/Hide Top Panel	F8
Show Folders Panel	F9
Show Properties Panel	F10
Image Preview	Ctrl+Shift+P
Folder Preview	Ctrl+Shift+F
Full Screen	F11 or Ctrl+Enter
Back	Alt+Left Arrow
Popup Preview	Ctrl+Shift+P
Forward	Alt+Right Arrow
Home Folder	Alt+Home
Access Address Bar	Alt+D

Image

Brightness/Contrast...	Ctrl+B
Hue/Saturation	Ctrl+U
Desaturate	Ctrl+Shift+U
Rotate 90º counterclockwise	Ctrl+Alt+Left Arrow
Rotate 90º clockwise	Ctrl+Alt+Right Arrow
Image Size	Ctrl+R

Tools

Slideshow	Alt+S
Convert...	Ctrl+Shift+C
Crop	Ctrl+Q
Options...	Alt+O

Windows

Bring Viewers to Front	Ctrl+Shift+I
Arrange Viewers	Ctrl+Shift+R
Arrange Viewers Horizontally	Ctrl+Shift+H
Arrange Viewers Vertically	Ctrl+Shift+V
Close all Viewers	Ctrl+Shift+W

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Viewer Keyboard Shortcuts

File

Function	
Open New Viewer	Ctrl+N
Browse...	Ctrl+L
Save	Ctrl+S
Save As...	Ctrl+Shift+S
Print	Ctrl+P
E-mail Pictures	Ctrl+Shift+E
Delete	Delete
Rename	F2

Edit

Undo	Ctrl+Z
Cut	Ctrl+X
Copy	Ctrl+C
Paste	Ctrl+V
Move To Folder...	Ctrl+M
Copy To Folder...	Ctrl+T

View

Next Image	Space
Previous Image	Shift+Space
Show/Hide Netvigator Window	Ctrl+Shift+N
Zoom in	Ctrl++
Zoom out	Ctrl+-
Actual Size	Ctrl+A
Full Screen	F11 or F or Ctrl+Enter

Image

Brightness/Contrast...	Ctrl+B
Hue/Saturation	Ctrl+U
Desaturate	Ctrl+Shift+U
Rotate 90º counterclockwise	Ctrl+Alt+Left Arrow
Rotate 90º clockwise	Ctrl+Alt+Right Arrow
Image Size	Ctrl+R

Tools

Slideshow	Alt+S
Convert...	Ctrl+Shift+C
Crop	Ctrl+Q
Options...	Alt+O

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Window

Function	Shortcut Key
Bring Viewers to Front	Ctrl+Shift+I
Arrange Viewers	Ctrl+Shift+R
Arrange Viewers Horizontally	Ctrl+Shift+H
Arrange Viewers Vertically	Ctrl+Shift+V
Close all Viewers	Ctrl+Shift+W

Help

Access Help	F1

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Appendix 1: Supported RAW formats

Firegraphic 10 supports the RAW file format from the following digital cameras.

Adobe

- Digital Negative (DNG)

Apple

- QuickTake 100
- QuickTake 150
- QuickTake 200

AVT

- F-080C
- F-145C
- F-201C
- F-510C
- F-810C

Canon

- PowerShot 600
- PowerShot A5
- PowerShot A5 Zoom
- PowerShot A50
- PowerShot A460 (CHDK hack)
- PowerShot A530 (CHDK hack)
- PowerShot A610 (CHDK hack)
- PowerShot A620 (CHDK hack)
- PowerShot A630 (CHDK hack)
- PowerShot A640 (CHDK hack)
- PowerShot A650 (CHDK hack)
- PowerShot A710 IS (CHDK hack)
- PowerShot A720 IS (CHDK hack)
- PowerShot Pro70
- PowerShot Pro90 IS
- PowerShot G1
- PowerShot G2
- PowerShot G3
- PowerShot G5
- PowerShot G6
- PowerShot G7 (CHDK hack)
- PowerShot G9
- PowerShot G10
- PowerShot S2 IS (CHDK hack)
- PowerShot S3 IS (CHDK hack)
- PowerShot S5 IS (CHDK hack)
- PowerShot SD300 (CHDK hack)
- PowerShot S30
- PowerShot S40
- PowerShot S45
- PowerShot S50
- PowerShot S60
- PowerShot S70
- PowerShot Pro1
- EOS D30
- EOS D60
- EOS 5D
- EOS 5D Mark II
- EOS 10D
- EOS 20D
- EOS 30D
- EOS 40D
- EOS 50D
- EOS 300D / Digital Rebel / Kiss Digital
- EOS 350D / Digital Rebel XT / Kiss Digital N
- EOS 400D / Digital Rebel XTi / Kiss Digital X
- EOS 450D / Digital Rebel XSi / Kiss Digital X2
- EOS 1000D / Digital Rebel XS / Kiss Digital F
- EOS D2000C
- EOS-1D
- EOS-1DS
- EOS-1D Mark II
- EOS-1D Mark III
- EOS-1D Mark II N
- EOS-1Ds Mark II
- EOS-1Ds Mark III

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Casio

- QV-2000UX
- QV-3000EX
- QV-3500EX
- QV-4000
- QV-5700
- QV-R41
- QV-R51
- QV-R61
- EX-S100
- EX-Z4
- EX-Z50
- EX-Z55
- Exlim Pro 505
- Exlim Pro 600
- Exlim Pro 700

Contax

- N Digital

Creative

- PC-CAM 600

Epson

- R-D1

Foculus

- 531C

Fujifilm

- FinePix E550
- FinePix E900
- FinePix F700
- FinePix F710
- FinePix F800
- FinePix F810
- FinePix S2Pro
- FinePix S3Pro
- FinePix S5Pro
- FinePix S20Pro
- FinePix S100FS
- FinePix S5000
- FinePix S5100/S5500
- FinePix S5200/S5600
- FinePix S6000fd
- FinePix S7000
- FinePix S9000/S9500
- FinePix S9100/S9600
- IS-1

Hasselblad

- CFV
- H3D

Imacon

- Ixpress 16-megapixel
- Ixpress 22-megapixel
- Ixpress 39-megapixel

ISG

- ISG 2020x1520

Kodak

- DC20
- DC25
- DC40
- DC50
- DC120
- DCS200
- DCS315C
- DCS330C
- DCS420
- DCS460
- DCS460A
- DCS520C
- DCS560C
- DCS620C
- DCS620X
- DCS660C
- DCS660M
- DCS720X
- DCS760C
- DCS760M
- EOSDCS1
- EOSDCS3B
- NC2000F
- ProBack
- PB645C
- PB645H
- PB645M
- DCS Pro 14n
- DCS Pro 14nx
- DCS Pro SLR/c
- DCS Pro SLR/n
- C330
- C603
- P850
- P880
- KAI-0340

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Konica
- KD-400Z
- KD-510Z

Leaf
- AFi 7
- Aptus 17
- Aptus 22
- Aptus 54S
- Aptus 65
- Aptus 75
- Aptus 75S
- Cantare
- CatchLight
- CMost
- DCB2
- Valeo 6
- Valeo 11
- Valeo 17
- Valeo 22
- Volare

Leica
- Digilux 2
- Digilux 3
- D-LUX2
- D-LUX3
- D-LUX4
- V-LUX1

Logitech
- Fotoman Pixtura

Mamiya
- ZD

Micron
- Micron 2010

Minolta
- RD175
- DiMAGE 5
- DiMAGE 7
- DiMAGE 7i
- DiMAGE 7Hi
- DiMAGE A1
- DiMAGE A2
- DiMAGE A200
- DiMAGE G400
- DiMAGE G500
- DiMAGE G530
- DiMAGE G600
- DiMAGE Z2
- Alpha/Dynax/Maxxum 5D
- Alpha/Dynax/Maxxum 7D

Nikon
- D1
- D1H
- D1X
- D2H
- D2Hs
- D2X
- D2Xs
- D3
- D40
- D40X
- D50
- D60
- D70
- D70s
- D80
- D90
- D100
- D200
- D300
- D700
- E700 ("DIAG RAW" hack)
- E800 ("DIAG RAW" hack)
- E880 ("DIAG RAW" hack)
- E900 ("DIAG RAW" hack)
- E950 ("DIAG RAW" hack)
- E990 ("DIAG RAW" hack)
- E995 ("DIAG RAW" hack)
- E2100 ("DIAG RAW" hack)
- E2500 ("DIAG RAW" hack)
- E3200 ("DIAG RAW" hack)
- E3700 ("DIAG RAW" hack)
- E4300 ("DIAG RAW" hack)
- E4500 ("DIAG RAW" hack)
- E5000
- E5400
- E5700
- E8400
- E8700
- E8800
- Coolpix P6000
- Coolpix S6 ("DIAG RAW" hack)

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Olympus

- C3030Z
- C5050Z
- C5060WZ
- C7070WZ
- C70Z,C7000Z
- C740UZ
- C770UZ
- C8080WZ
- E-1
- E-3
- E-10
- E-20
- E-300
- E-330
- E-400
- E-410
- E-420
- E-500
- E-510
- E-520
- SP310
- SP320
- SP350
- SP500UZ
- SP510UZ
- SP550UZ
- SP560UZ
- SP570UZ

Panasonic

- DMC-FZ8
- DMC-FZ18
- DMC-FZ28
- DMC-FZ30
- DMC-FZ50
- DMC-FX150
- DMC-G1
- DMC-L1
- DMC-L10
- DMC-LC1
- DMC-LX1
- DMC-LX2
- DMC-LX3

Pentax

- *ist D
- *ist DL
- *ist DL2
- *ist DS
- *ist DS2
- K10D
- K20D
- K100D
- K100D Super
- K200D
- Optio S
- Optio S4
- Optio 33WR
- Optio 750Z

Phase One

- LightPhase
- H 10
- H 20
- H 25
- P 20
- P 25
- P 30
- P 45

Pixelink

- A782

Polaroid

- x530

Rollei

- d530flex

RoverShot

- 3320af

Samsung

- GX-1S
- GX-10
- S85 (hacked)

Sarnoff

- Sarnoff 4096x5440

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Sigma

- SD9
- SD10
- SD14

SMaL

- Ultra-Pocket 3
- Ultra-Pocket 4
- Ultra-Pocket 5

Sony

- DSC-F828
- DSC-R1
- DSC-V3
- DSLR-A100
- DSLR-A200
- DSLR-A300
- DSLR-A350
- DSLR-A700
- DSLR-A900
- XCD-SX910CR

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NOTE:
This list is intended as a guideline only and should not be interpreted as a performance guarantee. Firegraphic cannot guarantee that the hardware listed above will be completely in every configuration.

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